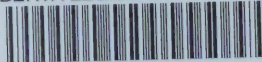


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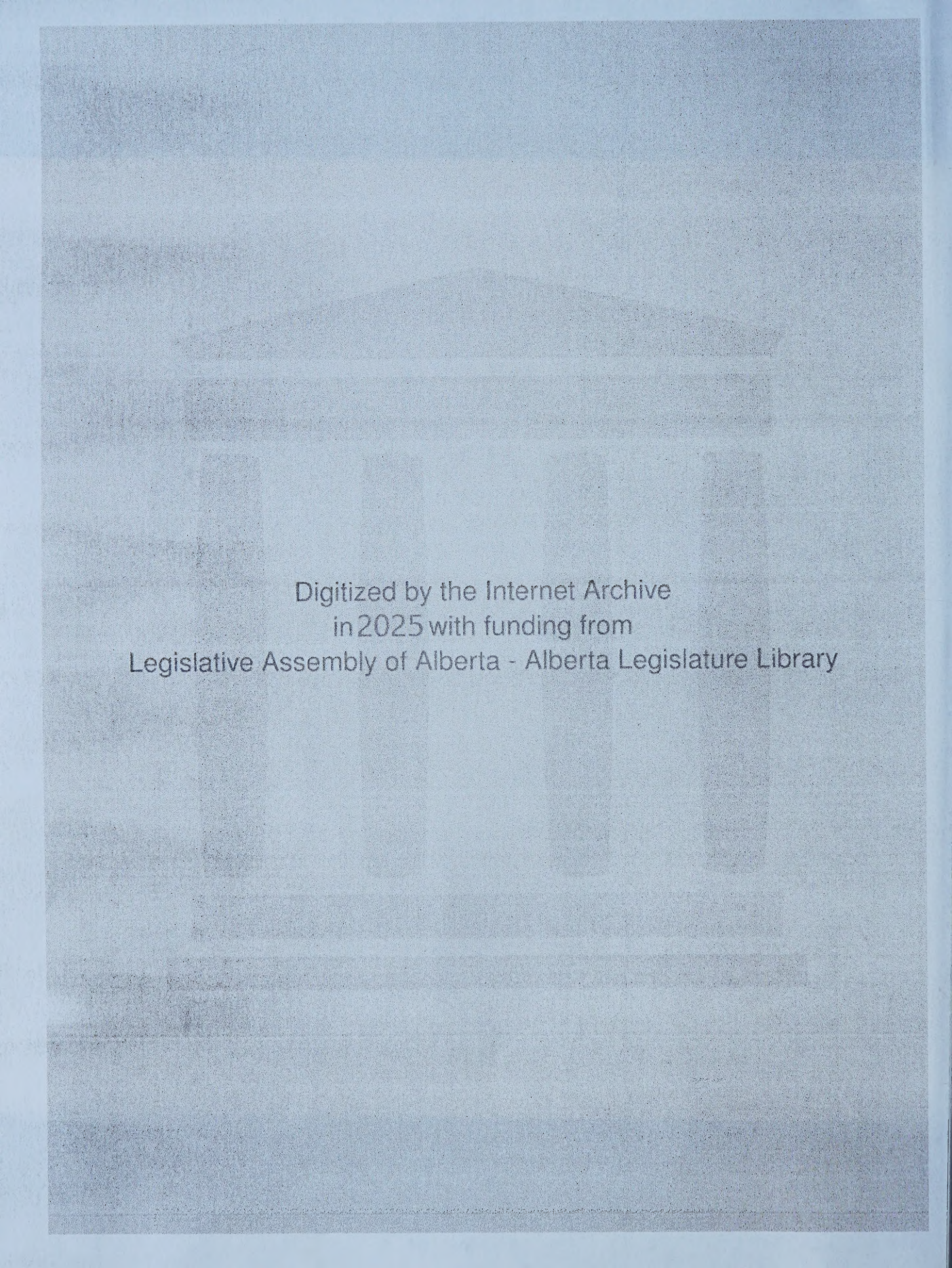


# Agriculture Statistics Yearbook



853-8  
ALBERTA DEPARTMENT OF AGRICULTURE





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iated and should be forwarded to H.H. Bryce, Head; Statistics Branch, Alberta Department of Agriculture.

## FOREWORD

The Statistics of Agriculture for Alberta, first initiated for 1962-63, has since retained a similar format, with the exception of 1970-71 when no annual was formally published. To increase the annual's utility, an entirely different format has been adopted.

The Agriculture Statistics Yearbook provides 1972 statistics where available, with the most current statistics otherwise, thereby serving as a useful reference to those interested in Alberta's agriculture. Graphs and several short-term tables date back to 1961; whereas, long-term tables and data for any year prior to 1970-71 can be found in the publications that have been listed on page 80. Users are reminded that the data is subject to revision. The data in the current publication covers the agricultural field more thoroughly with a greater emphasis on marketing. In the future, it is our hope that the yearbook statistics will cover all facets of agriculture from production to consumption.

Data has been derived from three sources. The availability of the major portion of the data is due to the close cooperation between Statistics Canada and the Alberta Department of Agriculture. We also, gratefully acknowledge the cooperation of Agriculture Canada and the contributions of the other provincial departmental branches.

The data for this publication has been assembled and structured by H.G. Haines, Typist; S.M. Harbarenko, Typist; (Mrs.) L.A. Serediak, Clerk; J. K. Woychuk, Researcher; C. Sterling, Assistant Statistician; under the direction of H.H. Bryce. Critical evaluation of the publication will be apprec-



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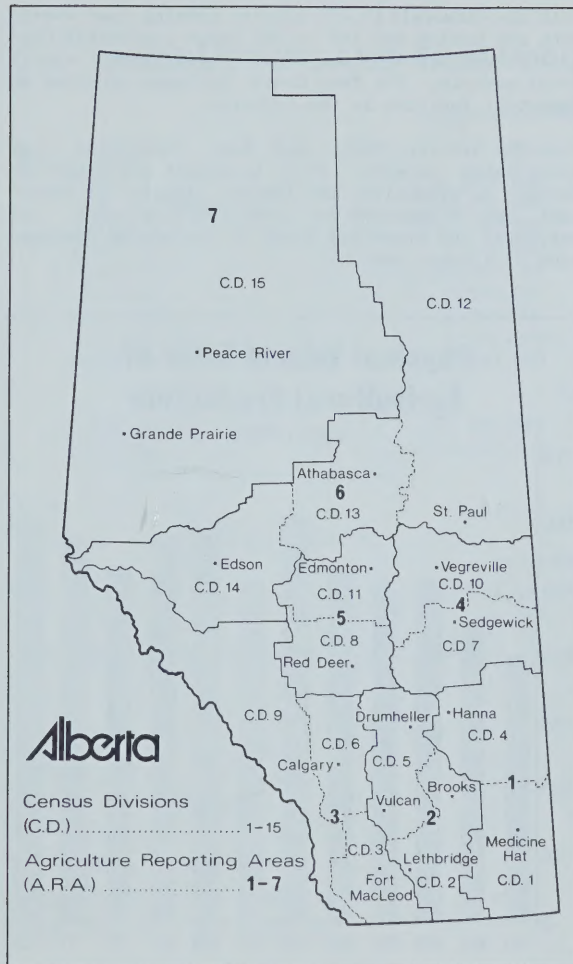
## 1972 IN REVIEW

Alberta's agricultural industry fared exceptionally well in 1972 due to a strong demand for virtually all farm products. The combination of increased production and high prices was an unusual situation, and one in which farmers and ranchers benefited probably more than in any previous period.

Cash returns to Alberta producers reached \$913.8 million, an increase of \$112 million over the previous year. Farm cash receipts from crops increased over 15 per cent, whereas livestock and livestock products increased by 9 per cent. Supplementary payments were up \$14.6 million.

Prices for cattle and hogs experienced an upward trend during most of 1972 in response to a strong consumer demand for meat. The demand for beef was exceptionally strong. Higher consumer incomes, and an improved total economic outlook all helped increase the total demand for beef. Thus, the situation arose where higher supplies of fed beef moved into consumption channels at rising prices.

One highlight of the livestock industry was the introduction of Canada's new beef grading system on September 5th. The new system was developed through the cooperation of the federal and provincial departments of agriculture and the entire beef industry, including: producers, packers, wholesalers, retailers and consumers. Research revealed that lean meat yield of an entire beef carcass was directly related to the amount of fat cover at the 11th rib. This fact was incorporated into the new grading system by requiring carcasses be ribbed prior to grading and that an actual fat measure be taken.



The new system places less emphasis on carcass conformation than did the old method, but still retains the basic grade requirements with respect to maturity and carcass quality.

Ground work was initiated in 1972 for suspending use of DES (diethylstilbestrol), a hormone additive in cattle feeding. The suspension of DES comes into effect on January 1, 1973.

Large cyclical swings in the hog industry have been common in the past and 1972 was no exception. After a 17 per cent increase in hog slaughter in 1971 over 1970, hog marketings dropped by 6 per cent in 1972. The initial strength in Canadian hog prices was primarily a direct result of lower production in the United States. Hog production in Canada continued the downward trend which began in May 1971. However, Alberta producers did not decrease production to the same extent and therefore benefited more from the rising hog prices.

In early February 1972, the Hog Deficiency Payment was established as an attempt to adjust for the low 1971 hog prices. Producers were compensated at \$5 per hog marketed to a maximum of 200 hogs.

One important aspect of grain production has been the achievement of the Alberta Grain Commission in establishing freight rates for barley and oats basis Vancouver rather than Thunder Bay. This meant producer returns increased approximately one-half cents a bushel for oats and barley destined for export.

The first feed grains marketing information exchange in Western Canada began operations in Alberta on August 1. Operating as a free service, it was established by the Alberta Grain Commission to help facilitate off-quota feed grain marketings in the province. The marketing information exchange is basically designed to provide a practical channel of communication between prospective sellers and buyers.

With approximately 50,000 farmers growing feed wheat, oats and barley and 150 to 200 large commercial buyers who either use the feed themselves or supply local markets, the Feed Grain Exchange performs an important function in the industry.

The Alberta Sheep and Wool Commission was established in early 1972 to assist the sheep industry in production and supply. Equally as important, the Commission was committed to product development and promotion aimed at increasing consumption of Alberta lamb.

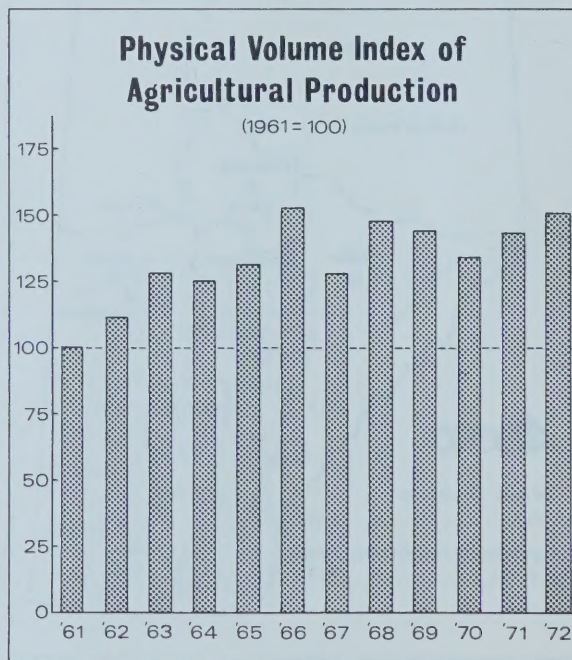


Table 1.

# PRODUCTION AND FARM VALUE OF AGRICULTURAL PRODUCTS

|                                    | Production  |             | Value Per Unit |                    | Total Value        |                    |
|------------------------------------|-------------|-------------|----------------|--------------------|--------------------|--------------------|
|                                    | 1971        | 1972        | 1971           | 1972 <sup>1/</sup> | 1971               | 1972 <sup>1/</sup> |
|                                    | - bushels - |             | - dollars -    |                    | - dollars -        |                    |
| Field Crops:                       |             |             |                |                    |                    |                    |
| Wheat . . . . .                    | 91,000,000  | 118,000,000 | 1.30           | 1.60               | 118,300,000        | 188,800,000        |
| Oats for Grain . . . . .           | 101,000,000 | 104,000,000 | 0.50           | 0.70               | 50,500,000         | 72,800,000         |
| Barley . . . . .                   | 224,000,000 | 230,000,000 | 0.67           | 0.90               | 150,080,000        | 207,000,000        |
| Rye . . . . .                      | 6,000,000   | 5,080,000   | 0.82           | 1.25               | 4,920,000          | 6,350,000          |
| Mixed Grain . . . . .              | 18,000,000  | 22,000,000  | 0.71           | 0.85               | 12,780,000         | 18,700,000         |
| Flaxseed . . . . .                 | 3,500,000   | 2,700,000   | 2.24           | 3.60               | 7,840,000          | 9,720,000          |
| Rapeseed . . . . .                 | 32,000,000  | 24,000,000  | 2.19           | 2.65               | 70,080,000         | 63,600,000         |
| Mustard Seed . . . . .             | 660,000     | 480,000     | 1.70           | 1.90               | 1,122,000          | 912,000            |
| Potatoes . . . . .                 | 6,667,000   | 6,833,000   | 1.08           | 1.20               | 7,200,000          | 8,200,000          |
|                                    | - tons -    |             |                |                    |                    |                    |
| Sugar Beets . . . . .              | 684,000     | 660,000     | 19.14          | 16.50              | 13,092,000         | 10,890,000         |
| Tame Hay . . . . .                 | 5,500,000   | 6,200,000   | 21.50          | 24.00              | 118,250,000        | 148,800,000        |
| Other Field Crops . . . . .        | -           | -           | -              | -                  | <u>17,594,000</u>  | <u>18,000,000</u>  |
| Total Field Crops                  |             |             |                |                    | <u>571,758,000</u> | <u>753,772,000</u> |
| Livestock and Livestock Products:  |             |             |                |                    |                    |                    |
|                                    | - number -  |             |                |                    |                    |                    |
| Cattle . . . . .                   | 1,193,380   | 997,700     | 240.00         | 287.00             | 286,411,000        | 286,340,000        |
| Calves . . . . .                   | 224,317     | 52,300      | 95.00          | 120.00             | 21,310,000         | 6,276,000          |
| Hogs . . . . .                     | 2,212,156   | 2,255,000   | 22.00          | 32.00              | 48,667,000         | 72,160,000         |
| Sheep and Lambs . . . . .          | 148,462     | 126,900     | 21.00          | 23.00              | <u>3,118,000</u>   | <u>2,919,000</u>   |
| Total                              |             |             |                |                    | <u>359,506,000</u> | <u>367,695,000</u> |
| Dairy . . . . .                    | -           | -           | -              | -                  | 64,027,000         | 70,055,000         |
| Poultry . . . . .                  | -           | -           | -              | -                  | 37,556,000         | 40,091,000         |
| Honey . . . . .                    | -           | -           | -              | -                  | 4,261,000          | 6,040,000          |
| Wool . . . . .                     | -           | -           | -              | -                  | 174,000            | 353,000            |
| Fur Farming . . . . .              | -           | -           | -              | -                  | 1,458,000          | 1,582,000          |
| Other Livestock and Products . . . | -           | -           | -              | -                  | <u>3,360,000</u>   | <u>3,500,000</u>   |
| Total Livestock and Products       |             |             |                |                    | <u>470,342,000</u> | <u>489,316,000</u> |

<sup>1/</sup> Preliminary



## Source of Farm Income

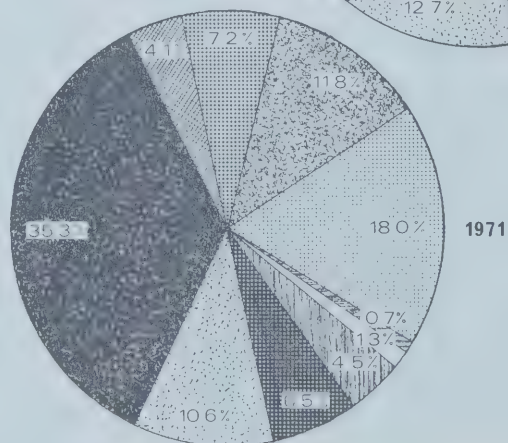
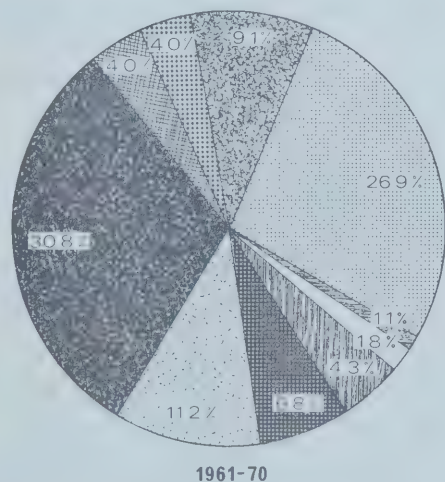
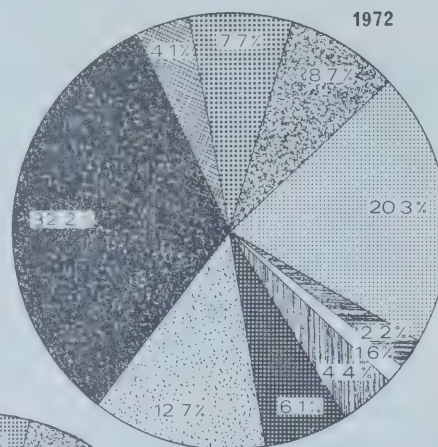
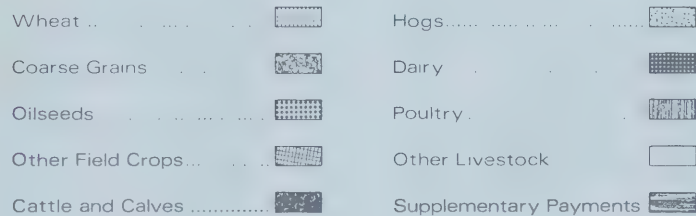


Table 2.

## CASH RECEIPTS FROM THE SALE OF FARM PRODUCTS

|                                           | 1 9 7 1        |              | 1 9 7 2        |              |
|-------------------------------------------|----------------|--------------|----------------|--------------|
|                                           | \$ '000        | % of Total   | \$ '000        | % of Total   |
| Wheat . . . . .                           | 147,976        | 18.4         | 189,263        | 20.5         |
| Oats. . . . .                             | 8,610          | 1.1          | 7,956          | 0.9          |
| Barley. . . . .                           | 85,871         | 10.7         | 69,768         | 7.6          |
| C.W.B. Net Cash Advance Payments. . . . . | -18,498        | -2.5         | -8,791         | 0.9          |
| Rye . . . . .                             | 2,375          | 0.3          | 3,311          | 0.4          |
| Flaxseed. . . . .                         | 12,463         | 1.6          | 10,546         | 1.1          |
| Rapeseed. . . . .                         | 46,584         | 5.8          | 60,965         | 6.6          |
| Sugar Beets . . . . .                     | 11,009         | 1.4          | 12,162         | 1.3          |
| Potatoes. . . . .                         | 10,207         | 1.3          | 11,804         | 1.3          |
| Vegetables. . . . .                       | 1,722          | 0.2          | 2,236          | 0.2          |
| Other Crops . . . . .                     | 10,985         | 1.4          | 12,180         | 1.3          |
| Forest Products . . . . .                 | 104            | <u>1/</u>    | 115            | <u>1/</u>    |
| Supplementary Payments. . . . .           | <u>5,633</u>   | <u>0.7</u>   | <u>20,213</u>  | <u>2.2</u>   |
| Total Crops                               | <u>325,041</u> | <u>40.4</u>  | <u>391,728</u> | <u>42.5</u>  |
| Cattle and Calves . . . . .               | 290,248        | 36.1         | 299,872        | 32.5         |
| Hogs. . . . .                             | 86,923         | 10.8         | 118,256        | 12.8         |
| Sheep and Lambs . . . . .                 | 1,561          | 0.2          | 2,642          | 0.3          |
| Dairy Products. . . . .                   | 53,586         | 6.7          | 56,897         | 6.2          |
| Poultry Products. . . . .                 | 36,895         | 4.6          | 40,551         | 4.4          |
| Other Livestock Products. . . . .         | <u>9,419</u>   | <u>1.2</u>   | <u>11,848</u>  | <u>1.3</u>   |
| Total Livestock and Products              | <u>478,632</u> | <u>59.6</u>  | <u>530,066</u> | <u>57.5</u>  |
| Total Cash Receipts                       | <u>803,673</u> | <u>100.0</u> | <u>921,794</u> | <u>100.0</u> |

1/ Less than 0.05 per cent.

Note: Interim and final payments received through the Canadian Wheat Board on participation certificates (wheat, oats and barley) are included in the calendar year in which payments were received by farmers. Deficiency payments are included with products where applicable.

Table 3.

## NET INCOME OF FARM OPERATORS FROM FARMING OPERATIONS

|                                                    | <u>1971</u>           | <u>1972</u>           | <u>% Change</u>      |
|----------------------------------------------------|-----------------------|-----------------------|----------------------|
|                                                    | - thousand dollars -  |                       |                      |
| Cash Receipts from Sale of Farm Products . . . . . | 798,040               | 901,581               | + 13.0               |
| Income in Kind (Incl. house rent) . . . . .        | 91,827                | 91,931                | + 0.1                |
| Supplementary Payments (P.F.A.A. etc.) . . . . .   | <u>5,633</u>          | <u>20,213</u>         | <u>+ 258.8</u>       |
| Realized Gross Income . . . . .                    | 895,500               | 1,013,725             | + 13.2               |
| Value of Inventory Changes . . . . .               | <u>30,154</u>         | <u>5,705</u>          | <u>- 81.1</u>        |
| Gross Income . . . . .                             | 925,654               | 1,019,430             | + 10.1               |
| Operating and Depreciation Charges . . . . .       | <u>611,847</u>        | <u>650,420</u>        | <u>+ 6.3</u>         |
| Total Net Income                                   | <u><u>313,807</u></u> | <u><u>369,010</u></u> | <u><u>+ 17.6</u></u> |

Table 4.

## INCOME IN KIND

|                                | <u>1971</u>          | <u>1972</u>          | <u>% Change</u>     |
|--------------------------------|----------------------|----------------------|---------------------|
|                                | - thousand dollars - |                      |                     |
| Dairy Products . . . . .       | 3,457                | 3,358                | - 2.9               |
| Poultry and Eggs . . . . .     | 2,058                | 2,450                | + 19.0              |
| Meat . . . . .                 | 6,623                | 7,060                | + 6.6               |
| Fruit and Vegetables . . . . . | 3,852                | 4,157                | + 7.9               |
| Honey . . . . .                | 34                   | 54                   | + 58.8              |
| Forest Products . . . . .      | 260                  | 245                  | - 5.8               |
| Wool . . . . .                 | 2                    | 4                    | + 100.0             |
| House Rent . . . . .           | <u>75,541</u>        | <u>74,603</u>        | <u>- 1.2</u>        |
| Total                          | <u><u>91,827</u></u> | <u><u>91,931</u></u> | <u><u>+ 0.1</u></u> |



Table 5.

# FARM OPERATING EXPENSES AND DEPRECIATION CHARGES

|                                               | <u>1971</u>          | <u>1972</u>    | <u>% Change</u> |
|-----------------------------------------------|----------------------|----------------|-----------------|
|                                               | - thousand dollars - |                | %               |
| Taxes . . . . .                               | 32,270               | 33,690         | + 4.4           |
| Gross Farm Rent . . . . .                     | 30,269               | 32,297         | + 6.7           |
| Wages to Farm Labour . . . . .                | 39,332               | 41,298         | + 5.0           |
| Interest on Indebtedness . . . . .            | 67,282               | 69,183         | + 2.8           |
| Fuel and Lubricants . . . . .                 | 56,666               | 57,856         | + 2.1           |
| Machinery Repairs . . . . .                   | 62,896               | 75,350         | + 19.8          |
| Other Machinery Expenses . . . . .            | 26,951               | 27,995         | + 3.9           |
| Fertilizers . . . . .                         | 31,277               | 35,218         | + 12.6          |
| Other Crop Expenses . . . . .                 | 21,640               | 20,784         | - 4.0           |
| Feed. . . . .                                 | 49,742               | 55,114         | + 10.8          |
| Other Livestock Expenses . . . . .            | 12,341               | 12,609         | + 2.2           |
| Repairs to Buildings. . . . .                 | 15,912               | 17,344         | + 9.0           |
| Electricity and Telephone . . . . .           | 10,198               | 10,319         | + 1.2           |
| Miscellaneous . . . . .                       | <u>32,004</u>        | <u>32,974</u>  | <u>+ 3.0</u>    |
| Total Operating Cost                          | 488,780              | 522,031        | + 6.8           |
| Depreciation Building and Machinery . . . . . | <u>123,067</u>       | <u>128,389</u> | <u>+ 4.3</u>    |
| Total Expenses                                | <u>611,847</u>       | <u>650,420</u> | <u>+ 6.3</u>    |

Table 6.

## FARM WAGES

|                  | Per Day |       | Per Month |        | Per Year |          |
|------------------|---------|-------|-----------|--------|----------|----------|
|                  | 1971    | 1972  | 1971      | 1972   | 1971     | 1972     |
| - dollars -      |         |       |           |        |          |          |
| With Board:      |         |       |           |        |          |          |
| January 15 . . . | 10.20   | 11.20 | 247.00    | 265.00 | 2,964.00 | 3,180.00 |
| May 15 . . .     | 11.50   | 12.25 | 265.00    | 285.00 | 3,180.00 | 3,420.00 |
| August 15 . . .  | 11.90   | 12.50 | 275.00    | 290.00 | 3,300.00 | 3,480.00 |
| Without Board:   |         |       |           |        |          |          |
| January 15 . . . | 12.70   | 13.50 | 302.00    | 331.00 | 3,624.00 | 3,972.00 |
| May 15 . . .     | 14.00   | 14.75 | 315.00    | 340.00 | 3,780.00 | 4,080.00 |
| August 15 . . .  | 14.50   | 15.00 | 338.00    | 355.00 | 4,056.00 | 4,260.00 |

Table 7.

## MACHINERY SALES

|                     | Tractors (Wheel Type) Farm Use |            |                     |       | Combines       | Hay Balers |
|---------------------|--------------------------------|------------|---------------------|-------|----------------|------------|
|                     | Under<br>40 h.p.               | 40-79 h.p. | 80 h.p.<br>and over | Total | Self-Propelled | Automatic  |
| - number of units - |                                |            |                     |       |                |            |
| 1970 . . . . .      | 200                            | 598        | 1,384               | 2,182 | 563            | 1,920      |
| 1971 . . . . .      | 138                            | 769        | 1,863               | 2,770 | 756            | 1,453      |
| 1972 . . . . .      | 176                            | 853        | 2,193               | 3,222 | 786            | 1,806      |

Table 8.

**FARM CAPITAL**

|                              | <u>Land and<br/>Buildings</u> | <u>Livestock<br/>and Poultry</u> | <u>Implements<br/>and Machinery</u> | <u>Total</u> |
|------------------------------|-------------------------------|----------------------------------|-------------------------------------|--------------|
|                              | - thousand dollars -          |                                  |                                     |              |
| 1961 . . . . .               | 1,715,367                     | 452,920                          | 550,876                             | 2,719,163    |
| 1962 . . . . .               | 1,820,027                     | 457,967                          | 573,655                             | 2,851,649    |
| 1963 . . . . .               | 1,994,843                     | 495,326                          | 604,641                             | 3,094,810    |
| 1964 . . . . .               | 2,238,665                     | 528,000                          | 654,530                             | 3,421,195    |
| 1965 . . . . .               | 2,587,147                     | 504,916                          | 713,757                             | 3,805,820    |
| 1966 . . . . .               | 2,865,472                     | 567,192                          | 785,032                             | 4,217,696    |
| 1967 . . . . .               | 3,206,599                     | 604,245                          | 843,354                             | 4,654,198    |
| 1968 . . . . .               | 3,479,502                     | 579,155                          | 901,989                             | 4,960,646    |
| 1969 . . . . .               | 3,409,912                     | 746,291                          | 934,211                             | 5,090,414    |
| 1970 . . . . .               | 3,240,849                     | 797,276                          | 956,970                             | 4,995,095    |
| 1971 . . . . .               | 3,530,252                     | 844,161                          | 867,446                             | 5,241,859    |
| 1972 <sup>1/</sup> . . . . . | 3,569,085                     | 1,020,000                        | 912,344                             | 5,501,429    |

<sup>1/</sup> Preliminary



Table 9.

## FOOD AND BEVERAGE INDUSTRY, 1971

|                                                      | <u>Establishments</u> <sup>1/</sup><br>No. | <u>Value of Shipments</u> <sup>1/</sup><br>\$'000 |
|------------------------------------------------------|--------------------------------------------|---------------------------------------------------|
| Slaughtering and Meat Packing . . . . .              | 48                                         | 484,178                                           |
| Poultry Processors . . . . .                         | 4                                          | *                                                 |
| Fruit and Vegetable Canners and Preservers . . . . . | 2                                          | *                                                 |
| Frozen Vegetable Processors . . . . .                | 2                                          | *                                                 |
| Dairy Products . . . . .                             | 94                                         | 108,000                                           |
| Flour and Cereal Products . . . . .                  | 7                                          | 26,415                                            |
| Feed Mills . . . . .                                 | 88                                         | 46,517                                            |
| Bakery Products (inc. Biscuits) . . . . .            | 170                                        | 32,101                                            |
| Other Food Industries, n.e.s. . . . .                | 11                                         | 27,906                                            |
| Confectionery . . . . .                              | 6                                          | 262                                               |
| Beet Sugar Processors . . . . .                      | 3                                          | *                                                 |
| Vegetable Oil Mills . . . . .                        | 2                                          | *                                                 |
| Carbonated Beverages . . . . .                       | 20                                         | 25,638                                            |
| Distilleries . . . . .                               | 1                                          | *                                                 |
| Breweries . . . . .                                  | 6                                          | 27,419                                            |
| Wineries . . . . .                                   | <u>2</u>                                   | <u>*</u>                                          |
| Total                                                | 466                                        | 850,000                                           |

<sup>1/</sup> Preliminary

\* Confidential

## FIELD CROPS

With the exception of east central and south eastern areas, surface and subsurface soil moisture conditions were excellent in April. However, the weather was cool and spring seeding started later than normal as most farmers waited for wild oats germination in order to achieve a good weed kill.

Planting of grains commenced April 10th at Medicine Hat and became general in the south by April 20th. In northern areas wet fields and cold weather delayed spring work and general seeding did not get underway until the third week in May. Excellent weather the following week allowed rapid advancement and by June 2nd more than 80 per cent of the field crop acreage had been seeded.

Moisture conditions varied throughout the province as the spring progressed. Grasslands in the south remained drier than normal well into July, when rain brought relief to both grass and grain crops. In contrast, the northern half of the province received widespread showers during the first week in June. These rains were especially helpful in the case of late sown crops that were germinating unevenly and pastures which were dry and in need of moisture. Wet weather in central and northern areas during June prevented farmers from completing spraying operations. The weather was often warm and only partly cloudy which allowed the crops to continue to grow. Scattered showers were frequent during the last half of June and heavy rainfall along the foothills caused some flooding. Other areas such as the Peace River district and eastern regions of the province along the Saskatchewan border remained very dry and were definitely in need of rain by July 1st. Although some moisture was received

late in July, crop prospects remained poor throughout the eastern regions.

Warm moist conditions during most of July allowed crops to grow rapidly. August continued to provide warm sunny weather and toward the middle of the month several days of hot weather rapidly matured early seeded crops. Swathing became general throughout the south and much of the harvest in this area was completed by the end of August. In those areas of the province where crops were less advanced, the extremely hot weather "burned" some fields resulting in shrunken kernels and reduced yields.

Rain and snow fell on frequent occasions in September and prevented any significant amount of combining to be done. By October 1st less than 40 per cent of the provincial field crop acreage had been combined. Wet snow, accompanied by strong winds lodged many fields in west central areas.

Most of the province experienced excellent weather conditions during October. The combination of high temperatures and strong winds rapidly lowered grain moisture levels and allowed combining to continue well into evenings. With the exception of the area around Lacombe and southwestern parts of the Peace River district, where fields were very wet, most Alberta farmers had completed harvest by the 15th of October. Rain and snow during the Thanksgiving weekend halted harvest for 1972 in nearly all areas of the province, especially the western Peace River region. For some producers who were unable to harvest their crops, the situation was desperate; however, by the end of 1972, emergency assistance of \$4 per acre (provincial) and \$2 per acre (federal) was contemplated on acres of unthreshed grain.

Even though much of the province experienced a unique year due to unusual weather conditions, provincial average yields were well above normal. Av-

erage yields per acre of the principal grains with previous ten year averages in brackets, were as follows: wheat, 27.4 (25.0); oats, 56.8 bu (48.3); barley, 44.2 (36.4); rapeseed, 18.5 bu (15.0); and flaxseed, 15.9 bu (13.4).

The grains outlook during the last quarter of 1972 improved markedly over 1971 as prices of oilseed and cereal crops increased due to general world shortages. Wheat prices appeared to plateau at 2.55 per bushel (1 CWSR 14 per cent) basis in store Vancouver during November and indications were that most producers would have an opportunity to deliver all their wheat before the 1973 harvest.

Feed grain prices continued to increase during the latter part of 1972 with year end prices of barley at 95 cents and oats being offered at 75 cents. Even though feed prices were up, year end indications suggested a sufficient supply to meet winter feeding requirements.

Rapeseed prices continued to increase during the latter part of 1972 due to a short supply of American soybean. Rapeseed exports to the end of the year were substantially ahead of the previous year resulting in larger marketings under favorable conditions.

#### Insect Report

Insect damage during 1972 was mainly confined to those areas where insect populations had been building up during the past few years. Severe grasshopper outbreaks occurred in June from Fort Macleod to Vulcan and in the Wainwright-Provost area. June reports also indicated some damage to rapeseed by flea beetles in southern areas and red turnip beetles in northern districts. Spruce sawflies caused extensive damage in many northern shelterbelts.

The major insect problem was a large infestation of Bertha armyworms. Although the moths were sighted

in mid-June, it was not until mid-July that the worms were reported throughout the area bounded by Ryley, St. Paul, Lloydminster, Provost and Sedgewick. Crops were sprayed with Lannate and by the end of the season some 220,000 acres had been covered. Due to an extremely effective control program less than 3 per cent of Alberta's total rapeseed crop was destroyed.

Generally, effective control measures during 1972 prevented any great amount of insect damage to Alberta crops.

#### Hail Damage

Cool weather throughout June discouraged major hail cloud formations. The first severe hail storm hit the Three Hills region June 8th with crop damage ranging from 75 to 100 per cent in some fields. Another large hail storm on June 23rd caused heavy damage over an area several miles wide from west of Sundre to Olds and lesser damage as it continued on toward Elnora.

Two storms developed between Red Deer and Edmonton on July 28th. The first storm started just west of Buck Lake and proceeded eastward in a strip four to six miles wide until it dissipated north of Ponoka. Accompanied by two tornadoes, this storm resulted in considerable damage to crops in the area. The second hail storm, more severe, which developed northwest of Camrose, moved in a southeasterly direction north of Highway 13 to Daysland in an area 6 miles wide and 30 miles long. This storm, accompanied by hailstones up to golf ball size, caused heavy damage to crops in its wake. On August 10th several storm centers that developed in the foothills produced large hail stones. Areas around Winfield and 35 miles east of Ponoka reported severe damage. Large hail stones also fell in a 30 mile long strip from Crimson Lake to Eckville. In addition, there were a considerable number of smaller hail storms experienced in widely separated areas during July and August.

Although there was a prevalence of small isolated hail storms during 1972, Alberta farmers were fortunate that no large hail storms developed.

#### Irrigation

Irrigation, an important aspect of the agricultural industry in Alberta, involves millions of dollars per year in investments and expenditures. The capital outlay for irrigation is almost entirely in the southern region where annual rainfall is insufficient to meet crop requirements. Approximately 86 per cent of all irrigated land is located in census divisions 1 through 6.

Some 605 thousand acres were irrigated in 1971 with wheat, barley and oats, occupying 35 per cent of the irrigated land. Tame hay, also an important crop, constituted 28 per cent of the total irrigated land.

In 1971, Alberta irrigation districts spent in excess of \$4 million on construction, maintenance and operation of the system. With nearly 150 thousand acres of new irrigation development contemplated for the future, the number of farms reporting and average acreage per farm should increase. For example, in 1960 the average irrigated acreage per farm was 122, while the 1971 census indicated an increase to 126 acres. The increasing trend toward sprinkler irrigation is illustrated in Table 34.



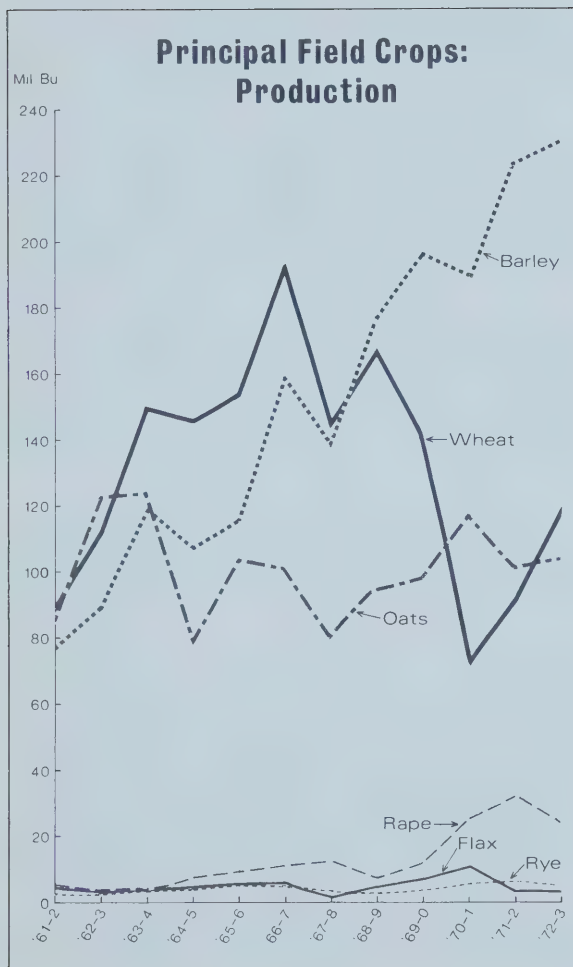


Table 10.

## MUNICIPAL CO-OPERATIVE SEED CLEANING

|                           | <u>1970-71</u> | <u>1971-72</u> |
|---------------------------|----------------|----------------|
|                           | -bushels-      | -bushels-      |
| Commercial Seed . . . . . | 16,464,348     | 16,239,286     |
| Pedigree Seed . . . . .   | 831,608        | 650,296        |
| Total Seed . . . . .      | 17,295,956     | 16,845,030     |
| Dockage . . . . .         | 2,613,904      | 2,334,165      |
| Total                     | 19,909,860     | 19,209,195     |
| Average Per Plant . . . . | 297,162        | 278,393        |
| Treated (Fungicide) . . . | 2,962,376      | 2,535,451      |
| Treated (Insecticide) . . | 559,019        | 589,504        |

Table 11.

## AVERAGE SEEDING RATES PER ACRE

|                   | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1972</u> |
|-------------------|-------------|-------------|-------------|-------------|-------------|
| Spring Wheat bu.  | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| Oats . . . . bu.  | 2.2         | 2.2         | 2.1         | 2.1         | 2.2         |
| Barley . . . bu.  | 1.7         | 1.7         | 1.6         | 1.6         | 1.6         |
| Spring Rye . bu.  | 1.0         | 1.1         | 1.1         | 1.0         | 1.0         |
| Flaxseed . . bu.  | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         |
| Rapeseed . . lbs. | 8.0         | 9.0         | 8.0         | 7.0         | 7.0         |

Table 12.

## FERTILIZER SALES

| Type                                          | <u>1970</u>  | <u>1971</u>   | <u>1972*</u>  |
|-----------------------------------------------|--------------|---------------|---------------|
|                                               | - tons -     |               |               |
| N. Soln. (28-0-0)                             | 7,817        | 4,119         | 4,454         |
| 82-0-0 (NH <sub>3</sub> )                     | 15,285       | 24,888        | 30,386        |
| 45-0-0 (Urea)                                 | 4,591        | 16,506        | 21,275        |
| 34-0-0 (33.5-0-0)                             | 36,441       | 44,362        | 43,135        |
| 21-0-0                                        | 51,259       | 72,618        | 51,399        |
| 11-55-0                                       | 22,199       | 32,666        | 29,585        |
| 11-48-0                                       | 48,933       | 65,141        | 66,781        |
| 18-46-0                                       | 663          | 1,197         | 1,112         |
| 16-20-0                                       | 26,264       | 27,496        | 29,250        |
| 27-14-0 + 23-23-0                             | 9,077        | 5,279         | 5,326         |
| 23-23-0                                       | 24,403       | 27,012        | 34,866        |
| Other NH <sub>4</sub> -NO <sub>3</sub> -Phos. | 9,967        | 14,886        | 15,167        |
| Other NH <sub>4</sub> -Phos.                  | 933          | 3,589         | 4,967         |
| 0-0-60 (KCL)                                  | 1,377        | 1,806         | 1,489         |
| Others                                        | <u>5,850</u> | <u>10,028</u> | <u>20,358</u> |
|                                               | 265,059      | 350,004       | 359,550       |

\* Preliminary.

### Principle Components in Fertilizers Sold

|                                             | <u>1970</u>  | <u>1971</u>  | <u>1972</u> |
|---------------------------------------------|--------------|--------------|-------------|
|                                             | - tons -     |              |             |
| Nitrogen (N)                                | 64,665       | 89,304       | N/A         |
| Phosphorus (P <sub>2</sub> O <sub>5</sub> ) | 51,138       | 68,338       | N/A         |
| Potash (K <sub>2</sub> O)                   | <u>1,425</u> | <u>1,745</u> | N/A         |
|                                             | 117,228      | 159,387      |             |

Table 13.

## INTENDED AND SEEDED ACREAGES OF PRINCIPAL FIELD CROPS

|                      | <u>1 9 7 1</u>     |         | <u>1 9 7 2</u> |         |
|----------------------|--------------------|---------|----------------|---------|
|                      | Intentions         | Seeded  | Intentions     | Seeded  |
|                      | - thousand acres - |         |                |         |
| All Wheat. .         | 3,500.0            | 3,443.0 | 4,300.0        | 4,300.0 |
| Durum Wheat. .       | 320.0              | 242.0   | 320.0          | 300.0   |
| Oats <u>1/</u> . . . | 2,350.0            | 2,443.0 | 2,300.0        | 2,400.0 |
| Barley . . .         | 5,800.0            | 5,689.0 | 5,600.0        | 5,200.0 |
| Rye . . . .          | 193.0              | 249.6   | 197.2          | 220.0   |
| Flaxseed . .         | 300.0              | 271.0   | 230.0          | 170.0   |
| Rapeseed . .         | 2,200.0            | 1,988.0 | 1,300.0        | 1,300.0 |
| Mixed Grain. .       | 525.0              | 419.0   | 428.0          | 450.0   |
| Potatoes . .         | 36.8               | 26.1    | 30.0           | 23.0    |
| Summerfallow         | 6,900.0            | 7,009.0 | 6,900.0        | 7,600.0 |

1/ Includes oats for hay.

Note: Intentions at March 15.

Table 14.

## HERBICIDE USE

| <u>2,4-D and/or MCPA</u> | <u>Per Cent of 1971</u> |
|--------------------------|-------------------------|
| 3,516,000 lbs.           | 115                     |
| 7,363,000 acres          | 114                     |

### Average Rates of Application

| <u>Formula</u>               | <u>Oz. Acid Per Acre</u> |
|------------------------------|--------------------------|
| 2,4-D Ester. . . . .         | 6.27                     |
| 2,4-D Ester Low Vol. . . . . | 6.62                     |
| 2,4-D Amine. . . . .         | 7.55                     |
| MCPA Ester . . . . .         | 7.22                     |
| MCPA Amine . . . . .         | 7.72                     |
| MCPA Sodium Salt . . . . .   | 9.94                     |

Table 15.

## HAIL AND CROP INSURANCE

|      | <u>Insured<br/>Farmers</u> | <u>Acres<br/>Insured</u> | <u>Premium<br/>Paid by<br/>Farmers</u> | <u>Risk<br/>Carried</u> | <u>Indemnities<br/>Paid</u> |
|------|----------------------------|--------------------------|----------------------------------------|-------------------------|-----------------------------|
|      |                            | '000                     | \$'000                                 | \$'000                  | \$'000                      |
| 1965 | 1,312                      | 250                      | 233                                    | 3,139                   | 48                          |
| 1966 | 4,408                      | 991                      | 803                                    | 13,460                  | 315                         |
| 1967 | 9,892                      | 2,271                    | 1,930                                  | 38,021                  | 1,268                       |
| 1968 | 15,661                     | 3,905                    | 3,436                                  | 63,950                  | 5,445                       |
| 1969 | 16,115                     | 3,296                    | 3,063                                  | 57,157                  | 6,346                       |
| 1970 | 12,791                     | 2,303                    | 2,043                                  | 31,951                  | 1,702                       |
| 1971 | 11,241                     | 2,426                    | 2,111                                  | 33,310                  | 2,438                       |
| 1972 | 10,133                     | 2,312                    | 2,086*                                 | 33,074                  | 2,308*                      |

\* Preliminary.

Table 16.

## ACREAGE, YIELD AND PRODUCTION OF PRINCIPAL FIELD CROPS

| Census<br>Division                 | Acres      |            | Yield Per Acre |             | Production   |               |
|------------------------------------|------------|------------|----------------|-------------|--------------|---------------|
|                                    | 1971       | 1972       | 1971           | 1972        | 1971         | 1972          |
|                                    | '000       |            | - bushels -    |             | '000 bu.     |               |
| <u>A L L   W H E A T</u>           |            |            |                |             |              |               |
| 1                                  | 380        | 453        | 20.2           | 20.7        | 7,668        | 9,367         |
| 2                                  | 415        | 528        | 27.7           | 31.6        | 11,514       | 16,667        |
| 3                                  | 162        | 160        | 25.1           | 30.0        | 4,070        | 4,795         |
| 4                                  | 421        | 465        | 18.7           | 15.7        | 7,858        | 7,292         |
| 5                                  | 516        | 718        | 29.6           | 31.6        | 15,255       | 22,666        |
| 6&9                                | 88         | 153        | 30.2           | 33.3        | 2,655        | 5,090         |
| 7                                  | 469        | 553        | 27.4           | 29.7        | 12,872       | 16,406        |
| 8                                  | 30         | 48         | 27.4           | 36.9        | 823          | 1,769         |
| 10                                 | 472        | 578        | 31.0           | 27.9        | 14,620       | 16,109        |
| 11                                 | 58         | 92         | 34.1           | 36.1        | 1,978        | 3,317         |
| 12                                 | 73         | 88         | 25.4           | 22.9        | 1,856        | 2,013         |
| 13)                                | 59         | 84         | 25.2           | 29.2        | 1,488        | 2,450         |
| 14)                                |            |            |                |             |              |               |
| 15                                 | <u>300</u> | <u>380</u> | <u>27.7</u>    | <u>26.5</u> | <u>8,324</u> | <u>10,059</u> |
| Province                           | 3,443      | 4,300      | 26.4           | 27.4        | 91,000       | 118,000       |
| <u>O A T S   F O R   G R A I N</u> |            |            |                |             |              |               |
| 1                                  | 39         | 30         | 39.8           | 45.3        | 1,553        | 1,358         |
| 2                                  | 77         | 74         | 59.9           | 65.3        | 4,611        | 4,833         |
| 3                                  | 61         | 75         | 48.0           | 59.9        | 2,928        | 4,493         |
| 4                                  | 84         | 78         | 37.2           | 39.2        | 3,127        | 3,055         |
| 5                                  | 103        | 107        | 60.3           | 60.9        | 6,208        | 6,517         |
| 6&9                                | 130        | 164        | 56.4           | 61.2        | 7,330        | 10,037        |



| Census<br>Division | Acres      |            | Yield Per Acre                   |             | Production   |              |
|--------------------|------------|------------|----------------------------------|-------------|--------------|--------------|
|                    | 1971       | 1972       | 1971                             | 1972        | 1971         | 1972         |
|                    | '000       |            | - bushels -                      |             | '000 bu.     |              |
|                    |            |            | O A T S F O R G R A I N (Cont'd) |             |              |              |
| 7                  | 222        | 230        | 48.7                             | 57.2        | 10,812       | 13,156       |
| 8                  | 133        | 131        | 58.7                             | 65.1        | 7,804        | 8,530        |
| 10                 | 432        | 355        | 51.8                             | 51.9        | 22,376       | 18,421       |
| 11                 | 225        | 219        | 63.3                             | 65.0        | 14,236       | 14,238       |
| 12                 | 117        | 95         | 36.1                             | 47.4        | 4,226        | 4,502        |
| 13)                | 172        | 130        | 44.8                             | 57.3        | 7,708        | 7,449        |
| 14)                |            |            |                                  |             |              |              |
| 15                 | <u>159</u> | <u>142</u> | <u>50.8</u>                      | <u>52.2</u> | <u>8,077</u> | <u>7,411</u> |
| Province           | 1,954      | 1,830      | 51.7                             | 56.8        | 101,000      | 104,000      |

|                    |            |            |             |             |               |               |
|--------------------|------------|------------|-------------|-------------|---------------|---------------|
| <u>B A R L E Y</u> |            |            |             |             |               |               |
| 1                  | 160        | 82         | 35.6        | 36.3        | 5,691         | 2,973         |
| 2                  | 445        | 341        | 46.7        | 52.2        | 20,791        | 17,796        |
| 3                  | 267        | 244        | 42.7        | 51.7        | 11,422        | 12,613        |
| 4                  | 114        | 57         | 31.0        | 27.6        | 3,540         | 1,573         |
| 5                  | 570        | 454        | 48.6        | 50.2        | 27,720        | 22,790        |
| 6&9                | 535        | 548        | 46.0        | 50.2        | 24,621        | 27,507        |
| 7                  | 366        | 322        | 42.3        | 46.8        | 15,483        | 15,073        |
| 8                  | 664        | 665        | 35.3        | 49.2        | 23,418        | 32,718        |
| 10                 | 656        | 665        | 39.4        | 39.9        | 25,838        | 26,558        |
| 11                 | 527        | 524        | 40.5        | 44.1        | 21,340        | 23,119        |
| 12                 | 167        | 151        | 32.2        | 34.5        | 5,387         | 5,204         |
| 13)                | 493        | 445        | 26.9        | 37.0        | 13,275        | 16,487        |
| 14)                |            |            |             |             |               |               |
| 15                 | <u>725</u> | <u>702</u> | <u>35.2</u> | <u>36.5</u> | <u>25,497</u> | <u>25,589</u> |
| Province           | 5,689      | 5,200      | 39.4        | 44.2        | 224,000       | 230,000       |

| <u>A.R.A.</u> | <u>Acres</u> |              | <u>Yield Per Acre</u>    |             | <u>Production</u> |                |
|---------------|--------------|--------------|--------------------------|-------------|-------------------|----------------|
|               | 1971         | 1972         | 1971                     | 1972        | 1971              | 1972           |
|               | '000         |              | - bushels -              |             | '000 bu.          |                |
|               |              |              | <u>F L A X S E E D</u>   |             |                   |                |
| 1             | 63.3         | 28.6         | 10.0                     | 12.9        | 634.2             | 367.9          |
| 2             | 136.3        | 80.6         | 14.4                     | 18.0        | 1,963.7           | 1,451.6        |
| 3             | 27.5         | 19.5         | 14.2                     | 18.4        | 390.8             | 359.2          |
| 4A            | 7.5          | 4.4          | 14.3                     | 17.4        | 107.3             | 76.6           |
| 4B            | 5.9          | 3.5          | 14.4                     | 14.8        | 85.0              | 51.9           |
| 5             | 0.5          | 0.3          | 13.0                     | 16.0        | 6.5               | 4.8            |
| 6             | 5.4          | 3.2          | 11.4                     | 14.5        | 61.6              | 46.4           |
| 7             | <u>24.4</u>  | <u>29.9</u>  | <u>10.3</u>              | <u>11.4</u> | <u>250.9</u>      | <u>341.6</u>   |
| Province      | 270.8        | 170.0        | 12.9                     | 15.9        | 3,500.0           | 2,700.0        |
|               |              |              | <u>R A P E S E E D</u>   |             |                   |                |
| 1-3           | 474.0        | 287.5        | 17.3                     | 20.5        | 8,201.8           | 5,883.4        |
| 4A-6          | 845.1        | 499.1        | 16.4                     | 18.8        | 13,853.5          | 9,396.5        |
| 7             | <u>668.5</u> | <u>513.4</u> | <u>14.9</u>              | <u>17.0</u> | <u>9,943.9</u>    | <u>8,720.1</u> |
| Province      | 1,987.6      | 1,300.0      | 16.1                     | 18.5        | 32,000.0          | 24,000.0       |
|               |              |              | <u>F A L L R Y E</u>     |             |                   |                |
| 1-3           | 179.3        | 166.2        | 25.7                     | 24.1        | 4,603.8           | 4,003.0        |
| 4A-6          | 39.3         | 27.7         | 20.8                     | 21.4        | 818.9             | 593.0          |
| 7             | <u>7.2</u>   | <u>6.1</u>   | <u>19.1</u>              | <u>17.0</u> | <u>137.3</u>      | <u>104.0</u>   |
| Province      | 225.8        | 200.0        | 24.6                     | 23.5        | 5,560.0           | 4,700.0        |
|               |              |              | <u>S P R I N G R Y E</u> |             |                   |                |
| 1-3           | 16.3         | 13.7         | 18.3                     | 19.5        | 297.3             | 267.7          |
| 4A-6          | 6.9          | 5.9          | 19.6                     | 17.7        | 135.2             | 104.7          |
| 7             | <u>0.4</u>   | <u>0.4</u>   | <u>18.8</u>              | <u>19.0</u> | <u>7.5</u>        | <u>7.6</u>     |
| Province      | 23.6         | 20.0         | 18.6                     | 19.0        | 440.0             | 380.0          |

| A.R.A.                 | Acres        |              | Yield Per Acre   |                  | Production     |                |
|------------------------|--------------|--------------|------------------|------------------|----------------|----------------|
|                        | 1971         | 1972         | 1971             | 1972             | 1971           | 1972           |
|                        | '000         |              | - bushels -      |                  | '000 bu.       |                |
|                        |              |              | <u>A L L</u>     | <u>R Y E</u>     |                |                |
| 1-3                    | 195.6        | 179.9        | 25.0             | 23.7             | 4,892.6        | 4,270.7        |
| 4A-6                   | 46.1         | 33.6         | 20.7             | 20.8             | 956.2          | 697.7          |
| 7                      | <u>7.7</u>   | <u>6.5</u>   | <u>19.6</u>      | <u>17.2</u>      | <u>151.1</u>   | <u>111.6</u>   |
|                        | 249.4        | 220.0        | 24.0             | 23.1             | 6,000.0        | 5,080.0        |
|                        |              |              | <u>T A M E</u>   | <u>H A Y</u>     |                |                |
|                        |              |              | - tons -         |                  | - '000 tons -  |                |
| 1                      | 153.3        | 158.8        | 1.21             | 1.32             | 185.2          | 210.0          |
| 2                      | 259.1        | 279.3        | 2.06             | 2.30             | 532.6          | 641.7          |
| 3                      | 412.4        | 420.2        | 1.26             | 1.66             | 518.2          | 697.9          |
| 4A                     | 168.0        | 174.5        | 1.26             | 1.28             | 211.1          | 223.9          |
| 4B                     | 209.6        | 235.9        | 1.56             | 1.66             | 326.7          | 391.8          |
| 5                      | 763.5        | 757.0        | 1.86             | 1.96             | 1,420.6        | 1,483.1        |
| 6                      | 674.6        | 747.8        | 1.75             | 1.75             | 1,182.9        | 1,308.9        |
| 7                      | <u>619.5</u> | <u>726.5</u> | <u>1.81</u>      | <u>1.71</u>      | <u>1,122.5</u> | <u>1,242.7</u> |
| Province               | 3,260.0      | 3,500.0      | 1.69             | 1.77             | 5,500.0        | 6,200.0        |
|                        |              |              | <u>O T H E R</u> | <u>C R O P S</u> |                |                |
| Sugar beets            | 42.0         | 46.0         | 16.28            | 14.35            | 684            | 660            |
|                        |              |              | - bushels -      |                  | - '000 bu. -   |                |
| Mixed grain            | 419.0        | 450.0        | 43.0             | 48.9             | 18,000         | 22,000         |
| Peas, dry              | 17.6         | 14.0         | 24.4             | 28.6             | 430            | 400            |
|                        |              |              | - lbs. -         |                  | - '000 lbs. -  |                |
| Mustard seed           | 44.0         | 25.0         | 750              | 960              | 33,000         | 24,000         |
| Sunflower seed         | 13.6         | 4.0          | 500              | 750              | 6,800          | 3,000          |
|                        |              |              | - cwt. -         |                  | - '000 cwt. -  |                |
| Potatoes <sup>1/</sup> | 26.1         | 23.0         | 153.3            | 178.1            | 4,000          | 4,100          |

<sup>1/</sup> Grown mainly for sale.

Table 17.

# SEEDED ACREAGE AND PRODUCTION ON SUMMERFALLOW AND STUBBLE

|                        | Seeded Area  |              | Distribution |           | Average Yield |             | Production  |              |
|------------------------|--------------|--------------|--------------|-----------|---------------|-------------|-------------|--------------|
|                        | 1971         | 1972         | 1971         | 1972      | 1971          | 1972        | 1971        | 1972         |
|                        | '000 acres   |              | per cent     |           | bushels       |             | mil. bu.    |              |
| <u>WHEAT</u>           |              |              |              |           |               |             |             |              |
| Summerfallow . . . . . | 3,022        | 3,325        | 88           | 77        | 27.2          | 28.7        | 82.2        | 95.6         |
| Stubble. . . . .       | <u>421</u>   | <u>975</u>   | <u>12</u>    | <u>23</u> | <u>20.9</u>   | <u>23.0</u> | <u>8.8</u>  | <u>22.4</u>  |
| Total                  | 3,443        | 4,300        | 100          | 100       | 26.4          | 27.4        | 91.0        | 118.0        |
| <u>OATS FOR GRAIN</u>  |              |              |              |           |               |             |             |              |
| Summerfallow . . . . . | 838          | 586          | 43           | 32        | 59.3          | 65.9        | 49.7        | 38.6         |
| Stubble. . . . .       | <u>1,116</u> | <u>1,244</u> | <u>57</u>    | <u>68</u> | <u>46.0</u>   | <u>52.6</u> | <u>51.3</u> | <u>65.4</u>  |
| Total                  | 1,954        | 1,830        | 100          | 100       | 51.7          | 56.8        | 101.0       | 104.0        |
| <u>BARLEY</u>          |              |              |              |           |               |             |             |              |
| Summerfallow . . . . . | 3,063        | 1,960        | 54           | 38        | 45.4          | 51.5        | 139.2       | 100.9        |
| Stubble. . . . .       | <u>2,626</u> | <u>3,240</u> | <u>46</u>    | <u>62</u> | <u>32.3</u>   | <u>39.8</u> | <u>84.8</u> | <u>129.1</u> |
| Total                  | 5,689        | 5,200        | 100          | 100       | 39.4          | 44.2        | 224.0       | 230.0        |
| <u>FLAXSEED</u>        |              |              |              |           |               |             |             |              |
| Summerfallow . . . . . | 254          | 143          | 94           | 84        | 13.0          | 16.8        | 3.3         | 2.4          |
| Stubble. . . . .       | <u>17</u>    | <u>27</u>    | <u>6</u>     | <u>16</u> | <u>11.8</u>   | <u>11.1</u> | <u>0.2</u>  | <u>0.3</u>   |
| Total                  | 271          | 170          | 100          | 100       | 12.9          | 15.9        | 3.5         | 2.7          |
| <u>RAPESEED</u>        |              |              |              |           |               |             |             |              |
| Summerfallow . . . . . | 1,665        | 936          | 84           | 72        | 17.2          | 19.8        | 28.6        | 18.5         |
| Stubble. . . . .       | <u>323</u>   | <u>364</u>   | <u>16</u>    | <u>28</u> | <u>10.6</u>   | <u>15.0</u> | <u>3.4</u>  | <u>5.5</u>   |
| Total                  | 1,988        | 1,300        | 100          | 100       | 16.1          | 18.5        | 32.0        | 24.0         |



Table 18.

## SUMMERFALLOW ACREAGES

| <u>Census<br/>Division</u> | <u>1971</u>        | <u>1972</u> |
|----------------------------|--------------------|-------------|
|                            | - thousand acres - |             |
| 1                          | 524                | 600         |
| 2                          | 726                | 682         |
| 3                          | 313                | 392         |
| 4                          | 543                | 591         |
| 5                          | 1,081              | 1,252       |
| 6&9                        | 347                | 355         |
| 7                          | 818                | 917         |
| 8                          | 230                | 245         |
| 10                         | 868                | 880         |
| 11                         | 246                | 248         |
| 12                         | 220                | 241         |
| 13)                        |                    |             |
| 14)                        | 337                | 392         |
| 15                         | <u>756</u>         | <u>805</u>  |
| Province                   | 7,009              | 7,600       |

Table 19.

## GRAIN QUALITY IN PERCENTAGES

| <u>W H E A T</u> <sup>1/</sup> |                                   |                                   |                        |                                   |                                |
|--------------------------------|-----------------------------------|-----------------------------------|------------------------|-----------------------------------|--------------------------------|
|                                | 1 C.W.<br><u>R. S.</u>            | 2 C.W.<br><u>R. S.</u>            | 3 C.W.<br><u>R. S.</u> | No. 1<br>Canada<br><u>Utility</u> |                                |
| 1972                           | 21                                | 24                                | 35                     | 2                                 |                                |
|                                | No. 2<br>Canada<br><u>Utility</u> | No. 3<br>Canada<br><u>Utility</u> | <u>Durum</u>           | <u>Winter</u>                     | Soft<br>White<br><u>Spring</u> |
| 1972                           | 1                                 | 6                                 | 6                      | 3                                 | 2                              |
| <u>O A T S</u>                 |                                   |                                   |                        |                                   |                                |
|                                | <u>2 C.W.</u>                     | <u>X3 C.W.</u>                    | <u>3 C.W.</u>          | <u>X1 Fd.</u>                     |                                |
| 1970                           | -                                 | -                                 | 1                      | 23                                |                                |
| 1971                           | -                                 | -                                 | -                      | 21                                |                                |
| 1972                           | -                                 | -                                 | 1                      | 14                                |                                |
|                                | <u>1 Fd.</u>                      | <u>2 Fd.</u>                      | <u>Other</u>           |                                   |                                |
| 1970                           | 71                                | 5                                 | -                      |                                   |                                |
| 1971                           | 72                                | 6                                 | 1                      |                                   |                                |
| 1972                           | 80                                | 5                                 | -                      |                                   |                                |
| <u>B A R L E Y</u>             |                                   |                                   |                        |                                   |                                |
|                                | <u>1-3 C.W. 6-Row</u>             | <u>1-3 C.W. 2-Row</u>             | <u>Feed Grades</u>     |                                   |                                |
| 1970                           | 8                                 | 13                                | 79                     |                                   |                                |
| 1971                           | 6                                 | 12                                | 82                     |                                   |                                |
| 1972                           | 5                                 | 11                                | 84                     |                                   |                                |

<sup>1/</sup> A new grading system for wheat was introduced on August 1, 1972. As a result, previous years' data are not comparable.

Table 20.

## PRECIPITATION RECORDED AT SELECTED ALBERTA STATIONS

| <u>Stations</u>          | <u>April 1 - October 30 Incl.</u> |       |        |
|--------------------------|-----------------------------------|-------|--------|
|                          | 1971                              | 1972  | Normal |
|                          | - inches -                        |       |        |
| Brooks . . . . .         | 8.09                              | 9.83  | 10.25  |
| Medicine Hat . . . . .   | 6.75                              | 9.68  | 10.14  |
| Lethbridge . . . . .     | 9.82                              | 9.34  | 12.02  |
| Pincher Creek. . . . .   | 11.64                             | 17.59 | 14.62  |
| Calgary . . . . .        | 11.81                             | 15.38 | 13.73  |
| Coronation . . . . .     | 9.12                              | 10.72 | 11.30  |
| Red Deer . . . . .       | 10.59                             | 15.43 | 13.76  |
| Vermilion. . . . .       | 9.95                              | 12.15 | 12.42  |
| Edmonton . . . . .       | 10.71                             | 17.31 | 14.32  |
| Whitecourt . . . . .     | 20.72                             | 16.91 | 15.50  |
| Fort McMurray. . . . .   | 9.58                              | 15.37 | 12.67  |
| Grande Prairie . . . . . | 16.78                             | 12.56 | 11.51  |
| Peace River. . . . .     | 10.10                             | 9.45  | 9.46   |

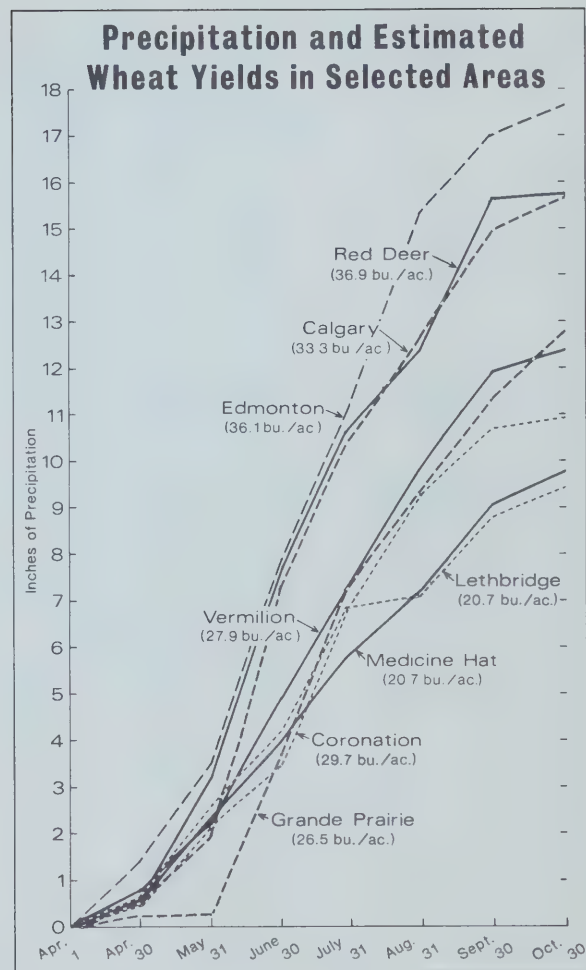


Table 21.

## WHEAT BOARD PAYMENTS, 1971-72

| <u>Wheat</u> <sup>1/</sup> | <u>Initial<br/>Payment</u> | <u>Final<br/>Payment</u> | <u>Total<br/>Payments</u> |
|----------------------------|----------------------------|--------------------------|---------------------------|
| No. 1 C.W. Red Spring .    | \$ 1.29                    | \$ 0.14                  | \$ 1.43                   |
| No. 3 Northern . . . .     | 1.24                       | 0.12                     | 1.36                      |
| No. 4 Northern . . . .     | 1.16                       | 0.16                     | 1.32                      |
| No. 5 Wheat . . . . .      | 1.02                       | 0.16                     | 1.18                      |
| No. 6 Wheat . . . . .      | 0.98                       | 0.18                     | 1.16                      |
| Feed Wheat . . . . .       | 0.93                       | 0.18                     | 1.11                      |
| No. 1 C.W. Amber Durum     | 1.29                       | 0.05                     | 1.34                      |
| No. 2 C.W. Amber Durum     | 1.25                       | 0.06                     | 1.31                      |
| No. 3 C.W. Amber Durum     | 1.20                       | 0.03                     | 1.23                      |
| No. 1 C.W. Garnet . . .    | 1.16                       | 0.19                     | 1.35                      |
| No. 2 C.W. Garnet . . .    | 1.11                       | 0.23                     | 1.34                      |
| No. 1 Alberta Red Winter   | 1.15                       | 0.19                     | 1.34                      |
| No. 2 Alberta Winter. .    | 1.10                       | 0.22                     | 1.32                      |
| <u>Oats</u> <sup>2/</sup>  |                            |                          |                           |
| No. 2 C.W. . . . .         | 0.48                       | 0.08                     | 0.56                      |
| Ex. 3 C.W. . . . .         | 0.45                       | 0.08                     | 0.53                      |
| No. 3 C.W. . . . .         | 0.45                       | 0.07                     | 0.52                      |
| Ex. 1 Feed . . . . .       | 0.45                       | 0.07                     | 0.52                      |
| No. 1 Feed . . . . .       | 0.43                       | 0.08                     | 0.51                      |
| No. 2 Feed . . . . .       | 0.38                       | 0.10                     | 0.48                      |
| No. 3 Feed . . . . .       | 0.34                       | 0.11                     | 0.45                      |

|                                                                                                                                                                                      | <u>Initial<br/>Payment</u> | <u>Final<br/>Payment</u> | <u>Total<br/>Payments</u> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|---------------------------|
| <u>Barley</u> <sup>3/</sup>                                                                                                                                                          |                            |                          |                           |
| No. 2 C.W. 6-Row . . .                                                                                                                                                               | \$ 0.76                    |                          | \$ 0.76                   |
| No. 3 C.W. 6-Row . . .                                                                                                                                                               | 0.74                       |                          | 0.74                      |
| No. 2 C.W. 2-Row . . .                                                                                                                                                               | 0.69                       |                          | 0.69                      |
| No. 3 C.W. 2-Row . . .                                                                                                                                                               | 0.66                       | Nil                      | 0.66                      |
| No. 1 Feed . . . . .                                                                                                                                                                 | 0.64                       |                          | 0.64                      |
| No. 2 Feed . . . . .                                                                                                                                                                 | 0.61                       |                          | 0.61                      |
| No. 3 Feed . . . . .                                                                                                                                                                 | 0.56                       |                          | 0.56                      |
| <sup>1/</sup> Deductions include freight, at 20 cents per cwt. (12¢ per bushel) Calgary or Edmonton to Vancouver; and estimated elevator handling charges of 5.5 cents a bushel.     |                            |                          |                           |
| <sup>2/</sup> Deductions include freight, at 26 cents per cwt. (8.84¢ per bushel) Calgary or Edmonton to Thunder Bay; and estimated elevator handling charges of 3.5 cents a bushel. |                            |                          |                           |
| <sup>3/</sup> Deductions include freight, at 26 cents per cwt. (12.5¢ per bushel) Calgary to Edmonton to Thunder Bay; and estimated elevator handling charges of 4.5 cents a bushel. |                            |                          |                           |

Table 22.

## WHEAT BOARD PAYMENTS, 1972-73

|                                 | Initial<br>Payment | Adjustment<br>Payment |                                                                                                                                                                                         | Initial<br>Payment | Adjustment<br>Payment |
|---------------------------------|--------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|
| <u>Wheat</u> <sup>1/</sup>      |                    |                       | <u>Barley</u> <sup>3/</sup>                                                                                                                                                             |                    |                       |
| No. 1 Canada Red Spring . . .   | \$ 1.29            | \$ 0.30               | No. 2 C.W. 6-Row . . . . .                                                                                                                                                              | \$ 0.84            | \$ 0.09               |
| No. 2 Canada Red Spring . . .   | 1.22               | 0.30                  | No. 3 C.W. 6-Row . . . . .                                                                                                                                                              | 0.82               | 0.09                  |
| No. 3 Canada Red Spring . . .   | 1.13               | 0.30                  | No. 2 C.W. 2-Row . . . . .                                                                                                                                                              | 0.77               | 0.09                  |
| No. 1 Canada Utility. . . . .   | 1.00               | 0.30                  | No. 3 C.W. 2-Row . . . . .                                                                                                                                                              | 0.74               | 0.09                  |
| No. 2 Canada Utility. . . . .   | 1.00               | 0.30                  | No. 1 Feed . . . . .                                                                                                                                                                    | 0.72               | 0.09                  |
| No. 3 Canada Utility. . . . .   | 1.00               | 0.30                  | No. 2 Feed . . . . .                                                                                                                                                                    | 0.69               | 0.09                  |
| No. 1 C.W. Amber Durum. . . .   | 1.29               | 0.30                  | No. 3 Feed . . . . .                                                                                                                                                                    | 0.64               | 0.09                  |
| No. 2 C.W. Amber Durum. . . .   | 1.25               | 0.30                  |                                                                                                                                                                                         |                    |                       |
| No. 3 C.W. Amber Durum. . . .   | 1.20               | 0.30                  | <sup>1/</sup> Deductions include freight, at 20 cents per cwt.<br>(12¢ per bushel) Calgary or Edmonton to Vancouver;<br>and estimated elevator handling charges of 5.5 cents a bushel.  |                    |                       |
| No. 1 Alberta Red Winter. . . . | 1.15               | 0.30                  | <sup>2/</sup> Deductions include freight, at 20 cents per cwt.<br>(6.8¢ per bushel) Calgary or Edmonton to Vancouver;<br>and estimated elevator handling charges of 3.5 cents a bushel. |                    |                       |
| No. 2 Alberta Winter. . . . .   | 1.10               | 0.30                  | <sup>3/</sup> Deductions include freight, at 20 cents per cwt.<br>(9.6¢ per bushel) Calgary or Edmonton to Vancouver;<br>and estimated elevator handling charges of 4.5 cents a bushel. |                    |                       |
| No. 3 Alberta Winter. . . . .   | 1.04               | 0.30                  |                                                                                                                                                                                         |                    |                       |
| No. 1 C.W. Soft White Spring    | 1.29               | 0.30                  |                                                                                                                                                                                         |                    |                       |
| No. 2 C.W. Soft White Spring    | 1.26               | 0.30                  |                                                                                                                                                                                         |                    |                       |
| <u>Oats</u> <sup>2/</sup>       |                    |                       |                                                                                                                                                                                         |                    |                       |
| No. 2 C.W.. . . . .             | 0.50               | 0.10                  |                                                                                                                                                                                         |                    |                       |
| Ex. 3 C.W.. . . . .             | 0.47               | 0.10                  |                                                                                                                                                                                         |                    |                       |
| No. 3 C.W.. . . . .             | 0.47               | 0.10                  |                                                                                                                                                                                         |                    |                       |
| Ex. 1 Feed . . . . .            | 0.46               | 0.10                  |                                                                                                                                                                                         |                    |                       |
| No. 1 Feed . . . . .            | 0.45               | 0.10                  |                                                                                                                                                                                         |                    |                       |
| No. 2 Feed . . . . .            | 0.40               | 0.10                  |                                                                                                                                                                                         |                    |                       |
| No. 3 Feed . . . . .            | 0.36               | 0.10                  |                                                                                                                                                                                         |                    |                       |

Table 23.

# AVERAGE MONTHLY CASH GRAIN PRICES, 1971-72

Aug.   Sept.   Oct.   Nov.   Dec.   Jan.   Feb.   Mar.   Apr.   May   June   July   Year  
 - cents and eighths per bushel -

## WHEAT - Canadian Wheat Board Basis in Store Vancouver

|                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 C.W. Red Spring 14% | 178/1 | 177/2 | 175/1 | 175   | 174/1 | 175/6 | 175/7 | 177/4 | 179/6 | 179/2 | 177/5 | 178/2 | 176/7 |
| 1 Northern. . . . .   | 179/1 | 178/2 | 176/1 | 176   | 175/1 | 176/6 | 176/7 | 178/4 | 180/6 | 180/2 | 178/5 | 179/2 | 177/7 |
| 2 Northern. . . . .   | 178/1 | 177/2 | 175/1 | 175   | 174/1 | 175/6 | 175/7 | 177/4 | 179/6 | 179/2 | 177/5 | 178/2 | 176/7 |
| 3 Northern. . . . .   | 176/1 | 175/2 | 173/1 | 170/4 | 169/1 | 170/6 | 170/7 | 172/4 | 174/6 | 174/2 | 172/5 | 173/2 | 172/6 |
| 4 Northern. . . . .   | 171/1 | 170/2 | 168/1 | 168   | 167/1 | 168/6 | 168/7 | 170/4 | 172/6 | 172/2 | 170/5 | 171/2 | 169/7 |
| 1 C.W. Garnet . . .   | 171/1 | 170/2 | 168/1 | 168   | 167/1 | 168/6 | 168/7 | 170/4 | 172/6 | 172/2 | 170/5 | 171/2 | 169/7 |
| 2 C.W. Garnet . . .   | 170/1 | 169/2 | 167/1 | 167   | 166/1 | 167/6 | 167/7 | 169/4 | 171/6 | 171/2 | 169/5 | 170/2 | 168/7 |
| 3 C.W. Garnet . . .   | 169/1 | 168/2 | 166/1 | 166   | 165/1 | 166/6 | 166/7 | 168/4 | 170/6 | 170/2 | 168/5 | 169/2 | 167/7 |
| 1 Alberta Red W. .    | 171/1 | 170/2 | 168/1 | 168   | 167/1 | 168/6 | 168/7 | 170/4 | 172/6 | 172/2 | 170/5 | 171/2 | 169/7 |
| 2 Alberta Winter. .   | 170/1 | 169/2 | 167/1 | 167   | 166/1 | 167/6 | 167/7 | 169/4 | 171/6 | 171/2 | 169/5 | 170/2 | 168/7 |
| 3 Alberta Winter. .   | 169/1 | 168/2 | 166/1 | 166   | 165/1 | 166/6 | 166/7 | 168/4 | 170/6 | 170/2 | 168/5 | 169/2 | 167/7 |

## OATS - Canadian Wheat Board Basis in Store Thunder Bay

|                     |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2 C.W. . . . .      | 65/5 | 65/3 | 65/2 | 65/2 | 63/5 | 63/3 | 66/4 | 67/6 | 69   | 69   | 69/2 | 71   | 66/6 |
| Ex. 3 C.W. . . . .  | 64/7 | 62/5 | 62/4 | 62/3 | 60/5 | 61/2 | 63/5 | 65   | 66/2 | 66/2 | 66/4 | 68/2 | 64/1 |
| 3 C.W. . . . .      | 64/5 | 62/3 | 62/2 | 62/3 | 60/5 | 61/2 | 63/3 | 64/6 | 66   | 66   | 66/2 | 68   | 64   |
| Ex. 1 Feed. . . . . | 64/5 | 62/3 | 62/2 | 62/3 | 60/5 | 61/2 | 63/3 | 64/6 | 65/7 | 66   | 66/2 | 67/6 | 63/7 |
| 1 Feed. . . . .     | 63/1 | 61/2 | 61/2 | 61/4 | 59/2 | 60/6 | 62/3 | 63/6 | 64/7 | 65   | 65/2 | 66/6 | 62/7 |
| 2 Feed. . . . .     | 60/1 | 58/2 | 58/2 | 58/4 | 56/2 | 57/6 | 59/3 | 60/6 | 61/7 | 62   | 62/2 | 63/6 | 59/7 |
| 3 Feed. . . . .     | 57/1 | 55/2 | 55/2 | 55/4 | 53/2 | 54/6 | 56/3 | 57/6 | 58/7 | 59   | 59/2 | 60/6 | 56/7 |



|                                                                      | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Jan.</u> | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Year</u> |
|----------------------------------------------------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| - cents and eighths per bushel -                                     |             |              |             |             |             |             |             |             |             |            |             |             |             |
| <u>BARLEY</u> - Canadian Wheat Board Basis in Store Thunder Bay      |             |              |             |             |             |             |             |             |             |            |             |             |             |
| 1 C.W. 6-Row . . . .                                                 | 114/6       | 110/5        | 112/3       | 115/4       | 115/4       | 115/4       | 116/2       | 116/2       | 116/4       | 118/2      | 117/6       | 121/6       | 115/7       |
| 2 C.W. 6-Row . . . .                                                 | 114/6       | 110/5        | 112/3       | 115/4       | 115/4       | 115/4       | 116/2       | 116/2       | 116/4       | 118/2      | 117/6       | 121/6       | 115/7       |
| 3 C.W. 6-Row . . . .                                                 | 112/6       | 108/5        | 110/3       | 113/4       | 113/4       | 113/4       | 114/2       | 114/2       | 114/4       | 116/2      | 115/6       | 119/6       | 113/7       |
| 1 C.W. 2-Row . . . .                                                 | 112/6       | 108/5        | 110/3       | 113/4       | 113/4       | 113/7       | 116/2       | 116/2       | 116/4       | 118/2      | 117/6       | 121/6       | 114/7       |
| 2 C.W. 2-Row . . . .                                                 | 112/6       | 108/5        | 110/3       | 113/4       | 113/4       | 113/7       | 116/2       | 116/2       | 116/4       | 118/2      | 117/6       | 121/6       | 114/7       |
| 3 C.W. 2-Row . . . .                                                 | 110/6       | 106/5        | 108/3       | 111/4       | 111/4       | 111/7       | 114/2       | 114/2       | 114/4       | 116/2      | 115/6       | 119/6       | 112/7       |
| 1 Feed . . . . .                                                     | 102/7       | 99/6         | 99/7        | 101/4       | 103         | 103         | 103/6       | 104/6       | 105/7       | 106/2      | 106/1       | 109/4       | 103/7       |
| 2 Feed . . . . .                                                     | 100/7       | 97/6         | 97/7        | 99/7        | 101/4       | 101/4       | 102/2       | 103/2       | 104/3       | 104/6      | 104/5       | 108         | 102/1       |
| 3 Feed . . . . .                                                     | 97/7        | 94/6         | 94/7        | 96/7        | 98/4        | 98/4        | 99/2        | 100/2       | 101/3       | 101/6      | 101/5       | 105         | 99/1        |
| <u>RYE</u> - Winnipeg Grain Exchange Basis in Store Thunder Bay      |             |              |             |             |             |             |             |             |             |            |             |             |             |
| 2 C.W. . . . .                                                       | 93          | 89           | 94/2        | 94/2        | 95/2        | 99/2        | 104/1       | 102/4       | 108         | 103        | 101         | 102/1       | 98/7        |
| 3 C.W. . . . .                                                       | 83/7        | 84           | 89/5        | 89/2        | 89/4        | 89/2        | 91/7        | 95          | 101/4       | 97         | 95/1        | 97/1        | 91/7        |
| 4 C.W. . . . .                                                       | 70          | 64/5         | 69/3        | 68/4        | 68          | 67/7        | 70          | 71/7        | 77          | 72/2       | 71          | 72/2        | 70/2        |
| Ergoty . . . . .                                                     | 66/1        | 60/5         | 64          | 61/4        | 61          | 59/7        | 61          | 62/7        | 68          | 63/2       | 62          | 63/2        | 62/6        |
| <u>FLAXSEED</u> - Winnipeg Grain Exchange Basis in Store Thunder Bay |             |              |             |             |             |             |             |             |             |            |             |             |             |
| 1 C.W. . . . .                                                       | 234/6       | 226/7        | 243/2       | 238/4       | 236/3       | 248/7       | 259         | 277/6       | 285         | 271/2      | 277/2       | 288/1       | 257/2       |
| 2 C.W. . . . .                                                       | 229/7       | 221/7        | 238/2       | 233/4       | 231/3       | 243/5       | 250         | 271/3       | 279/4       | 266/2      | 272/2       | 283/1       | 251/6       |
| 3 C.W. . . . .                                                       | 209/1       | 199          | 214/2       | 209/5       | 207/3       | 219/3       | 227/3       | 243/7       | 253/2       | 239/2      | 247/2       | 258/1       | 227/3       |
| <u>RAPSEED</u> - Winnipeg Grain Exchange Basis in Store Thunder Bay  |             |              |             |             |             |             |             |             |             |            |             |             |             |
| No. 1 Canada . . . .                                                 | 273/7       | 248/2        | 255/4       | 250/2       | 238/3       | 228         | 231/4       | 247/2       | 269/5       | 248        | 234/7       | 239/3       | 247         |
| No. 2 Canada . . . .                                                 | 259/2       | 233/2        | 240/4       | 235         | 223/3       | 212/3       | 216/2       | 230/7       | 251/3       | 233        | 219/7       | 224/3       | 231/5       |

Table 24.

## OFF-QUOTA GRAIN PRICES

|                | <u>September</u>       | <u>October</u> | <u>November</u> | <u>December</u> |
|----------------|------------------------|----------------|-----------------|-----------------|
|                | - dollars per bushel - |                |                 |                 |
| LETHBRIDGE     |                        |                |                 |                 |
| Wheat. . . .   | 1.15                   | 1.27           | 1.49            | 1.53            |
| Oats . . . .   | .63                    | .64            | .69             | .73             |
| Barley . . . . | .76                    | .82            | .90             | .97             |
| CALGARY        |                        |                |                 |                 |
| Wheat. . . .   | 1.31                   | 1.41           | 1.60            | 1.66            |
| Oats . . . .   | .63                    | .63            | .70             | .72             |
| Barley . . . . | .75                    | .82            | .91             | .97             |
| RED DEER       |                        |                |                 |                 |
| Wheat. . . .   | 1.30                   | 1.38           | 1.56            | 1.60            |
| Oats . . . .   | .52                    | .56            | .60             | .63             |
| Barley . . . . | .75                    | .79            | .85             | .88             |
| VERMILION      |                        |                |                 |                 |
| Wheat. . . .   | 1.02                   | 1.14           | 1.36            | 1.42            |
| Oats . . . .   | .50                    | .50            | .58             | .63             |
| Barley . . . . | .72                    | .75            | .82             | .90             |
| EDMONTON       |                        |                |                 |                 |
| Wheat. . . .   | 1.31                   | 1.47           | 1.62            | 1.68            |
| Oats . . . .   | .51                    | .56            | .62             | .67             |
| Barley . . . . | .75                    | .82            | .87             | .91             |
| FAIRVIEW       |                        |                |                 |                 |
| Wheat. . . .   | 1.18                   | 1.29           | 1.38            | 1.46            |
| Oats . . . .   | .45                    | .51            | .56             | .65             |
| Barley . . . . | .69                    | .79            | .87             | .92             |

Table 25.

## ESTIMATED SUPPLIES ON FARMS

|                    | <u>1969-70</u>      | <u>1970-71</u> | <u>1971-72</u> |
|--------------------|---------------------|----------------|----------------|
|                    | - million bushels - |                |                |
| WHEAT              |                     |                |                |
| Carryover . . . .  | 85.0                | 100.0          | 68.0           |
| Production . . . . | <u>140.0</u>        | <u>72.0</u>    | <u>91.0</u>    |
| Total Supplies     | 225.0               | 172.0          | 159.0          |
| OATS               |                     |                |                |
| Carryover . . . .  | 29.0                | 36.0           | 31.0           |
| Production . . . . | <u>98.0</u>         | <u>117.0</u>   | <u>101.0</u>   |
| Total Supplies     | 127.0               | 153.0          | 132.0          |
| BARLEY             |                     |                |                |
| Carryover . . . .  | 64.0                | 77.0           | 29.0           |
| Production . . . . | <u>196.0</u>        | <u>189.0</u>   | <u>224.0</u>   |
| Total Supplies     | 260.0               | 266.0          | 253.0          |
| RYE                |                     |                |                |
| Carryover . . . .  | 1.0                 | 1.4            | 1.8            |
| Production . . . . | <u>3.5</u>          | <u>5.2</u>     | <u>6.0</u>     |
| Total Supplies     | 4.5                 | 6.6            | 7.8            |
| FLAXSEED           |                     |                |                |
| Carryover . . . .  | 0.2                 | 0.2            | 2.1            |
| Production . . . . | <u>6.3</u>          | <u>10.6</u>    | <u>3.5</u>     |
| Total Supplies     | 6.5                 | 10.8           | 5.6            |
| RAPESEED           |                     |                |                |
| Carryover . . . .  | 0.2                 | 0.1            | 0.1            |
| Production . . . . | <u>11.7</u>         | <u>25.5</u>    | <u>32.0</u>    |
| Total Supplies     | 11.9                | 25.6           | 32.1           |

Table 26.

### STOCKS OF GRAINS ON FARMS AT JULY 31

|      | <u>Wheat</u>        | <u>Oats</u> | <u>Barley</u> | <u>Rye</u> | <u>Flaxseed</u> | <u>Rapeseed</u> |
|------|---------------------|-------------|---------------|------------|-----------------|-----------------|
|      | - million bushels - |             |               |            |                 |                 |
| 1961 | 28                  | 20          | 18            | 0.6        | 0.4             | N/A             |
| 1962 | 15                  | 19          | 14            | 0.6        | 0.3             |                 |
| 1963 | 12                  | 26          | 16            | 0.3        | 0.2             |                 |
| 1964 | 20                  | 38          | 25            | 0.5        | 0.2             |                 |
| 1965 | 21                  | 23          | 20            | 0.8        | 0.2             |                 |
| 1966 | 23                  | 25          | 20            | 1.0        | 0.4             |                 |
| 1967 | 40                  | 30          | 31            | 0.7        | 0.4             | 0.4             |
| 1968 | 52                  | 22          | 29            | 0.8        | 0.1             | 0.8             |
| 1969 | 85                  | 29          | 64            | 1.0        | 0.2             | 0.2             |
| 1970 | 100                 | 36          | 77            | 1.4        | 0.2             | 0.1             |
| 1971 | 68                  | 31          | 29            | 1.8        | 2.1             | 0.1             |
| 1972 | 38                  | 24          | 30            | 2.0        | 1.0             | 3.5             |

Table 27.

### FORAGE SEED PRODUCTION

|                             | <u>1971</u>         | <u>1972</u> |
|-----------------------------|---------------------|-------------|
|                             | - thousand pounds - |             |
| Alfalfa . . . . .           | 800                 | 600         |
| Alsike Clover . . . . .     | 3,200               | 3,400       |
| Birdsfoot Trefoil . . . . . | 60                  | 45          |
| Bromegrass. . . . .         | 3,000               | 2,750       |
| Creeping Red Fescue . . . . | 8,500               | 11,200      |
| Crested Wheatgrass. . . . . | 1,100               | 1,000       |
| Kentucky Bluegrass. . . . . | 10                  | -           |
| Meadow Fescue . . . . .     | 110                 | 80          |
| Pubescent Wheatgrass. . . . | 225                 | 145         |
| Red Clover - double cut . . | 50                  | 100         |
| Red Clover - single cut . . | 4,100               | 4,000       |
| Russian Wild Ryegrass . . . | 160                 | 300         |
| Sweet Clover. . . . .       | 3,550               | 2,000       |
| Timothy . . . . .           | 1,300               | 1,200       |
| White Clover. . . . .       | 10                  | 35          |

Table 28.

### FORAGE CROPS INSPECTED FOR PEDIGREE STATUS

|                                   | <u>1971</u> | <u>1972</u> |
|-----------------------------------|-------------|-------------|
|                                   | - acres -   |             |
| Alfalfa . . . . .                 | 2,055       | 2,672       |
| Alsike Clover . . . . .           | 412         | 210         |
| Birdsfoot Trefoil . . . . .       | 262         | 263         |
| Bromegrass . . . . .              | 6,183       | 4,907       |
| Creeping Red Fescue . . . . .     | 1,668       | 2,089       |
| Crested Wheatgrass . . . . .      | 7,521       | 6,500       |
| Intermediate Wheatgrass . . . . . | 253         | 278         |
| Orchardgrass . . . . .            | 454         | 580         |
| Perennial Ryegrass . . . . .      | 2,080       | 1,498       |
| Pubescent Wheatgrass . . . . .    | 468         | 418         |
| Red Clover . . . . .              | 841         | 183         |
| Reed Canarygrass . . . . .        | 110         | 54          |
| Russian Wild Ryegrass . . . . .   | 1,343       | 1,543       |
| Sainfoin . . . . .                | 44          | 100         |
| Slender Wheatgrass . . . . .      | -           | 150         |
| Streambank Wheatgrass . . . . .   | 125         | 125         |
| Sweet Clover . . . . .            | 50          | -           |
| Tall Wheatgrass . . . . .         | 160         | 87          |
| Timothy . . . . .                 | 3,538       | 3,142       |
| White Clover . . . . .            | 111         | 40          |

Table 29.

### TAME HAY PRODUCTION

|      | <u>Acreage</u> | <u>Yield</u> | <u>Production</u> |
|------|----------------|--------------|-------------------|
|      | - '000 -       | - tons -     | - '000 tons -     |
| 1970 | 3,200          | 1.94         | 6,200             |
| 1971 | 3,260          | 1.69         | 5,500             |
| 1972 | 3,500          | 1.77         | 6,200             |

Table 30.

### ALFALFA PROCESSING INDUSTRY

|                            |      | <u>1971</u> | <u>1972</u> <sup>1/</sup> |
|----------------------------|------|-------------|---------------------------|
| Plants . . . . .           | no.  | 3           | 6                         |
| Rated Capacity . . . . .   | tons | 30,100      | 105,000                   |
| Total Processed . . . . .  | tons | 24,630      | 71,650                    |
| Dehydrated Alfalfa Pellets | tons | 11,290      | 31,970                    |
| Suncured Alfalfa Pellets . | tons | 13,340      | 14,100                    |
| Alfalfa Cubes or Cylinders | tons | -           | 25,600                    |
| Average Price Dehydrated . | \$   | -           | 56.79                     |
| (F.O.B. Plant) Suncured .  | \$   | -           | 47.32                     |
| Cubes .                    | \$   | -           | 44.44                     |

<sup>1/</sup> Preliminary.

Table 31.

## SUGAR BEET INDUSTRY

|                    |          | <u>1970</u> | <u>1971</u> | <u>1972</u>         |
|--------------------|----------|-------------|-------------|---------------------|
| Contracted         | ac.      | 38,040      | 43,610      | 46,041              |
| Planted            | ac.      | 38,075      | 42,747      | 44,969              |
| Penalty, Overplant | ac.      | -           | 8           | -                   |
| Harvested          | ac.      | 36,733      | 42,045      | 43,325              |
| Production         | tons     | 523,502     | 684,293     | 657,233             |
| Average Tares      | %        | 4.73        | 4.85        | 5.37                |
| Average Yield      | tons/ac. | 14.25       | 16.27       | 15.17               |
| Shrinkage          | tons     | 21,343      | 28,577      | 23,444              |
| Total Shrinkage    | %        | 4.08        | 4.18        | 3.57                |
| Price of Beets     | \$/ton   | 15.71       | 19.14       | 16.50 <sup>1/</sup> |
| Deficiency Payment | \$       | 0.81        | -           | -                   |
| Sugar Content      |          | 15.37       | 16.14       | 14.85               |
| Sugar Bought       | lbs./ton | 237         | 246         | 218                 |
| Sugar Produced     | lbs./ac. | 3,377       | 4,002       | 3,307               |

<sup>1/</sup> Preliminary

Table 32.

COMMERCIAL VEGETABLE  
PRODUCTION

|                 | <u>Acreage</u> |             | <u>Production</u> |             |
|-----------------|----------------|-------------|-------------------|-------------|
|                 | <u>1971</u>    | <u>1972</u> | <u>1971</u>       | <u>1972</u> |
|                 |                |             | '000 lb.          |             |
| Cabbage . . . . | 300            | 300         | 5,970             | 5,400       |
| Carrots . . . . | 620            | 680         | 4,960             | 18,700      |
| Corn, Fresh . . | 550            | 500         | 2,475             | 2,250       |
| Cucumbers . . . | 190            | 160         | 1,292             | 1,072       |
| Onions. . . . . | 230            | 300         | 2,001             | 3,000       |
| Turnips . . . . | 330            | 250         | 7,590             | 7,250       |

Table 33.

## NEW LAND BREAKING

| <u>Crop</u><br><u>District</u> | <u>1970</u>   | <u>1971</u>   | <u>1972</u>   |
|--------------------------------|---------------|---------------|---------------|
|                                | - acres -     |               |               |
| 1                              | 8,970         | 6,387         | 12,853        |
| 2                              | 13,858        | 21,584        | 17,089        |
| 3                              | 11,897        | 14,559        | 12,969        |
| 4                              | 22,346        | 28,340        | 38,958        |
| 5                              | 29,438        | 22,270        | 23,021        |
| 6                              | 34,982        | 16,345        | 26,063        |
| 7                              | <u>50,509</u> | <u>45,515</u> | <u>44,047</u> |
| Province                       | 172,000       | 155,000       | 175,000       |



Table 34.

## IRRIGATION, 1970

| <u>Field Crops</u>                   | <u>Farms<br/>Reporting</u> | <u>Acreage</u> |
|--------------------------------------|----------------------------|----------------|
| Wheat . . . . .                      | 1,116                      | 55,003         |
| Oats . . . . .                       | 1,044                      | 37,434         |
| Barley . . . . .                     | 1,528                      | 93,615         |
| Flaxseed. . . . .                    | 436                        | 22,452         |
| Tame Hay. . . . .                    | 2,516                      | 154,510        |
| Sugar Beets . . . . .                | 718                        | 37,375         |
| Potatoes. . . . .                    | 169                        | 22,530         |
| Fruit Trees . . . . .                | 5                          | 177            |
| Strawberries. . . . .                | 7                          | 27             |
| Vegetables. . . . .                  | 217                        | 6,228          |
| Improved Pasture. . . .              | 1,332                      | 70,405         |
| Other . . . . .                      | <u>650</u>                 | <u>37,565</u>  |
| Total                                | 9,738                      | 537,321        |
| Irrigated by sprinkler system (1960) |                            | 48,229         |
| Irrigated by sprinkler system (1970) |                            | 126,393        |

Table 35.

## IRRIGATION, 1971

|                                                  |              |
|--------------------------------------------------|--------------|
| Construction to 1971 . . . . .                   | \$64,650,480 |
| Construction . . . . .                           | \$ 1,731,351 |
| Operation and Maintenance. . . . .               | \$ 2,187,907 |
| Canal Miles. . . . .                             | 6,179        |
| Number of Water Users                            |              |
| a) with contracts incl. titles. . .              | 4,558        |
| b) receiving water. . . . .                      | 7,139        |
| Irrigable Acres                                  |              |
| a) contemplated . . . . .                        | 788,292      |
| b) constructed . . . . .                         | 784,601      |
| Acres Receiving Water. . . . .                   | 604,686      |
| Extensions Contemplated (acres). . .             | 149,480      |
| Note: Based on 13 of 14 districts that reported. |              |

## Farms Reporting Irrigation

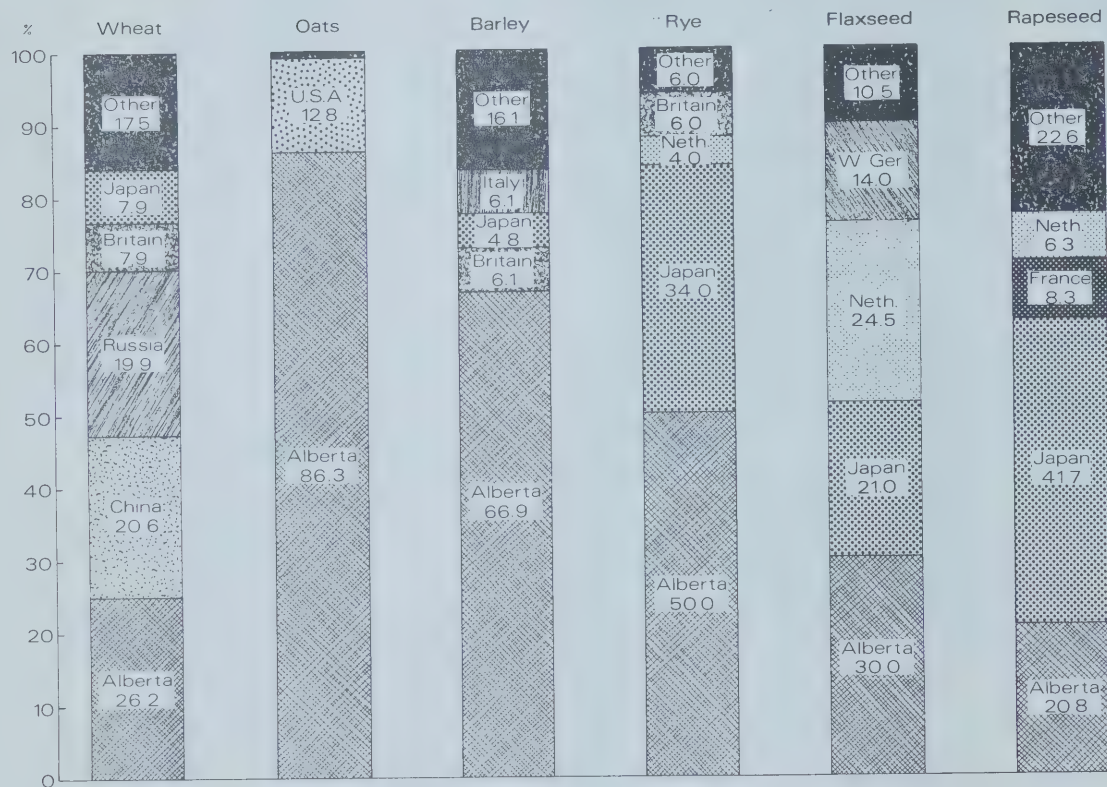
| <u>Acreage</u> | <u>Number Reporting</u> |
|----------------|-------------------------|
| Under 5        | 93                      |
| 5 - 20         | 331                     |
| 21 - 40        | 373                     |
| 41 - 60        | 334                     |
| 61 - 80        | 326                     |
| 81 - 100       | 302                     |
| 101 - 120      | 262                     |
| 121 - 150      | 376                     |
| 151 - 200      | 453                     |
| 201 - 250      | 307                     |
| 251 - 300      | 186                     |
| 301 and over   | <u>335</u>              |
| Total          | 3,678                   |

Table 36.

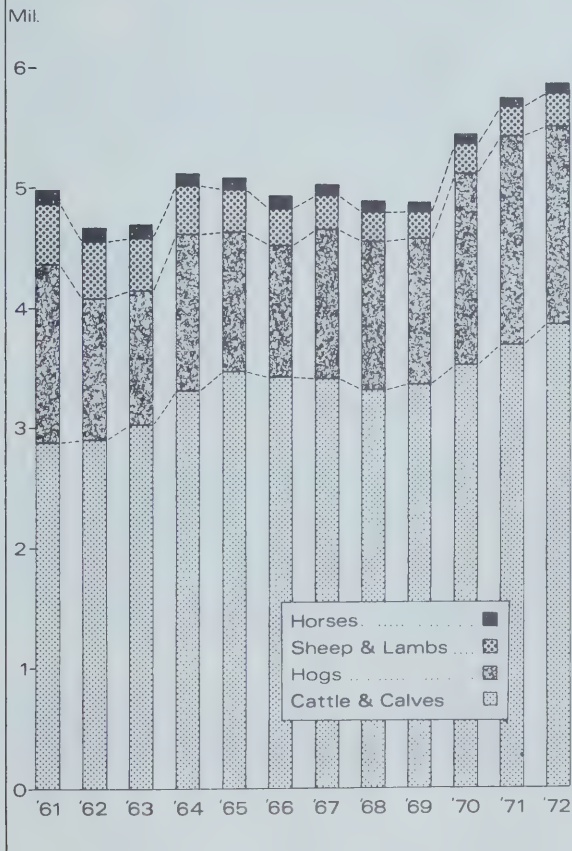
## IRRIGATION BY DISTRICT, 1971

| <u>District</u>              | <u>Constructed<br/>Area</u> | <u>Received<br/>Water</u> | <u>Supply<br/>Source</u> |
|------------------------------|-----------------------------|---------------------------|--------------------------|
| - acres -                    |                             |                           |                          |
| Aetna. . . . .               | 3,768.0                     | 2,424.0                   | Belly R.                 |
| Bow River. . .               | 23,030.0                    | 10,417.0                  | Bow R.                   |
| Bow River. . .<br>(Federal)  | 94,000.0                    | 70,601.0                  | Bow R.                   |
| Eastern. . . .               | 200,500.0                   | 200,459.0                 | Bow R.                   |
| Leavitt. . . .               | 4,343.4                     | 4,343.4                   | Belly R.                 |
| Lethbridge . .<br>(Northern) | 89,683.0                    | 60,207.0                  | Oldman R.                |
| Magrath. . . .               | 8,506.1                     | 5,500.0                   | St. Mary R.              |
| Mountain View.               | 3,719.5                     | 2,789.0                   | Belly R.                 |
| Raymond. . . /.              | 20,349.0                    | 15,000.0                  | St. Mary R.              |
| Ross Creek . .               | 2,069.0                     | 900.0                     | Gros<br>Venture Cr.      |
| St. Mary River               | 197,540.0                   | 149,444.0                 | St. Mary R.              |
| Taber. . . . .               | 59,172.0                    | 52,185.0                  | St. Mary R.              |
| United . . . .               | 33,972.5                    | 14,417.0                  | Belly R.                 |
| Western. . . .               | <u>43,949.1</u>             | <u>16,000.0</u>           | Bow R.                   |
| Total                        | 784,601.6                   | 604,686.4                 |                          |

## Disposition: Principal Grains and Oilseeds



## Numbers of Livestock on Farms at June 1



## LIVESTOCK

With a few exceptions, cattle came through the 1971-72 winter in good to excellent condition. In many southern areas fodder supplies were nearly exhausted prior to spring grazing, however, feed grains complimented fodder supplies.

The incidence of disease in cattle was low with no reports of substantial losses attributed to a particular disease. The calf crop was considerably better than in 1971, partly due to I.B.R. vaccination last year and the good spring weather. The general condition of cattle remained favorable throughout the summer and fall. By the end of the fall season, feed grains and fodder for winter feeding were in good supply and most reports indicated livestock entered the winter feeding period in good to excellent condition.

Imports of breeding stock continued during 1972 with special interest in the Murray Grey and Short-horn cattle from Australia, the first imports of breeding stock from that country.

Table 38 indicates a total of 92,117 cows were artificially inseminated in 1971, a decrease of 16,405 cows from 1970. Also in 1971, direct semen to farmers and ranchers decreased by 2,297 doses from the previous year. Semen exports mainly to the United States amounted to 744,134 doses in 1972.

Numbers of cattle on feed showed a marked increase during 1972, even though prices of feeder cattle and feed grains were substantially above the previous year.

An expanding world market for red meat contin-

used to create a greater market opportunity for pork producers. Both the industry and various divisions of the Department of Agriculture focused their attention on how Alberta might take advantage of these potential markets.

The sheep industry indicated a rather successful year. Predator losses were low in comparison to previous years; however, footrot continued to plague many producers.

#### Numbers

Cattle on feed, 600 pounds and over at June 1, were estimated at 793 thousand head, up 8 per cent from the previous year. Ranchers and farmers continued to build up their cattle herds as was shown in the annual livestock survey (Table 47). The total cattle inventory of 3,881 thousand head represented an all time record for Alberta. Beef and heifer numbers, up 6 per cent, indicated beef expansion which had been spurred on by good feeder prices.

The number of hogs on farms at June 1, 1972 was estimated at 1,652 thousand head, down 5 per cent from 1971 (Table 53).

The total number of sheep and lambs on farms at June 1, was estimated at 259 thousand head, up 6 per cent from the previous year (Table 57).

#### Prices

Prices for all classes of livestock increased during 1972, with yearly prices well above the 1971 averages. For example, the good feeder steers (Edmonton - Calgary) averaged \$4.50 per one hundred pounds above the 1971 average of \$33.77. In December 1972, the prices for the good feeder steers (Edmonton - Calgary) averaged over \$40.00 per one hundred pounds (Tables 43 and 44).

Average monthly hog prices (Index 100-Edmonton)

started the year at \$25.81 per one hundred pounds (Table 52), with the monthly average well over \$38.00 per one hundred pounds by the end of the year. Hog prices at Edmonton during 1972 averaged \$10.44 per one hundred pounds over the 1971 average of \$22.10 per one hundred pounds.

The average yearly price for all classes of sheep and lambs (Edmonton) was well above the 1971 average. Good lambs (Edmonton) averaged \$27.52 per one hundred pounds (Table 56) compared to \$24.95 per one hundred pounds for lambs marketed in 1971.

#### Marketings

Cattle marketings to the end of 1972 numbered 3.7 per cent above the 1971 level (Table 41). Total cattle and calf slaughter amounted to 1,127,410 head with a total dressed weight of 624 million pounds. The average cold dressed carcass weight was 559 pounds for cattle and 125 pounds for calves.

Total live cattle movement out of the province in 1972 was 129,886 (Table 40).

Hog slaughter amounted to 1,864,000 head during 1972, a decrease of 6 per cent over 1971. Hog marketings at 1,897,609 head (Table 48) were down 6.9 per cent over 1971, with pork production estimated at 24,360,000 pounds. Although total pork production had decreased, higher hog prices increased producers' returns by over 30 per cent. At the year end, problems attached to supplying an export market were being examined with the major focus being on stability of supply.

Lamb and sheep slaughter in Alberta increased 17 per cent from 1971, with 52,885 head slaughtered in federally inspected packing plants. Total dressed weight of lamb and mutton was estimated at 3,774,000 pounds.



Table 37.

## COWS SERVICED

| <u>Year</u> | <u>Beef Sires</u> | <u>Dairy Sires</u> | <u>Total</u> |
|-------------|-------------------|--------------------|--------------|
|             |                   | - number -         |              |
| 1966        | 36,699            | 55,340             | 92,039       |
| 1967        | 42,003            | 52,997             | 95,000       |
| 1968        | 44,310            | 52,243             | 96,553       |
| 1969        | 62,919            | 51,164             | 114,083      |
| 1970        | 113,904           | 50,410             | 164,314      |
| 1971        | 97,655            | 52,093             | 149,748      |

Table 38.

FIRST SERVICES BY INSEMINATING  
BUSINESSES

| <u>Breed of Sire</u>             | <u>Cows</u>   |                |               |               |               |
|----------------------------------|---------------|----------------|---------------|---------------|---------------|
|                                  | <u>1969</u>   | <u>1970</u>    | <u>1971</u>   |               |               |
|                                  |               |                | <u>Beef</u>   | <u>Dairy</u>  | <u>Total</u>  |
| Ayrshire. . .                    | 1,722         | 1,332          | 13            | 1,299         | 1,312         |
| Brown Swiss .                    | 2,615         | 2,402          | 1,394         | 2,682         | 4,076         |
| Guernsey. . .                    | 1,747         | 1,306          | 13            | 969           | 982           |
| Holstein. . .                    | 42,206        | 39,186         | 361           | 39,692        | 40,053        |
| Jersey. . . .                    | 1,895         | 1,522          | 14            | 1,309         | 1,323         |
| Other . . . .                    | <u>426</u>    | <u>116</u>     | <u>-</u>      | <u>-</u>      | <u>-</u>      |
| Total Services<br>to Dairy Sires | <u>50,611</u> | <u>45,864</u>  | <u>1,795</u>  | <u>45,951</u> | <u>47,746</u> |
| Angus . . . .                    | 9,354         | 8,780          | 5,338         | 2,535         | 7,873         |
| Charolais . .                    | 10,719        | 9,237          | 6,869         | 912           | 7,781         |
| Chianina. . .                    | -             | -              | 824           | 161           | 985           |
| Hereford. . .                    | 10,500        | 10,529         | 7,957         | 1,801         | 9,758         |
| Limousin. . .                    | 541           | 10,969         | 4,375         | 235           | 4,610         |
| Maine Anjou .                    | -             | -              | 696           | 78            | 774           |
| Murray Grey .                    | -             | -              | 915           | 28            | 943           |
| Shorthorn . .                    | 2,571         | 2,204          | 1,676         | 553           | 2,229         |
| Simmental . .                    | 3,669         | 14,423         | 8,013         | 422           | 8,435         |
| Welsh Black .                    | -             | -              | 317           | 23            | 340           |
| Other . . . .                    | 965           | 2,860          | 509           | 134           | 643           |
| Not Separated                    | <u>1,821</u>  | <u>3,656</u>   | <u>-</u>      | <u>-</u>      | <u>-</u>      |
| Total Services<br>to Beef Sires  | <u>40,140</u> | <u>62,658</u>  | <u>37,489</u> | <u>6,882</u>  | <u>44,371</u> |
| Total Dairy<br>and Beef          | <u>90,751</u> | <u>108,522</u> | <u>39,284</u> | <u>52,833</u> | <u>92,117</u> |

Table 39.

### DIRECT SEMEN SALES TO CATTLE OWNERS (DOSES)

| <u>Breed</u>             | <u>1969</u>   | <u>1970</u>   | <u>1971</u>   |
|--------------------------|---------------|---------------|---------------|
|                          | - number -    |               |               |
| Ayrshire . . . . .       | 121           | -             | -             |
| Brown Swiss. . . . .     | 60            | 3,098         | 1,605         |
| Guernsey . . . . .       | 86            | -             | -             |
| Holstein . . . . .       | 553           | 2,585         | 2,526         |
| Jersey . . . . .         | 261           | -             | -             |
| Other. . . . .           | -             | -             | -             |
| Not Separated by Breed . | <u>-</u>      | <u>-</u>      | <u>1,302</u>  |
| Total Dairy              | <u>1,081</u>  | <u>5,683</u>  | <u>5,433</u>  |
| Angus. . . . .           | 2,418         | 3,201         | 4,121         |
| Charolais. . . . .       | 10,410        | 7,530         | 9,951         |
| Chianina . . . . .       | -             | -             | 2,017         |
| Hereford . . . . .       | 2,076         | 2,566         | 3,997         |
| Limousin . . . . .       | 2,488         | 24,065        | 7,736         |
| Maine Anjou . . . . .    | -             | 601           | 3,983         |
| Murray Grey . . . . .    | -             | 1,510         | 1,609         |
| Shorthorn. . . . .       | 478           | 348           | 831           |
| Simmental. . . . .       | 6,567         | 21,786        | 21,136        |
| Welsh Black . . . . .    | -             | 936           | 1,575         |
| Other. . . . .           | 3,647         | 1,514         | 1,822         |
| Not Separated by Breed . | <u>-</u>      | <u>-</u>      | <u>7,826</u>  |
| Total Beef               | <u>28,084</u> | <u>64,057</u> | <u>66,604</u> |
| Total Dairy and Beef     | <u>29,165</u> | <u>69,740</u> | <u>72,037</u> |

Table 40.

### BRAND INSPECTION RECORD OF LIVE CATTLE AND CALF SHIPMENTS OUT-OF-PROVINCE

|                  | <u>1969</u>   | <u>1970</u>   | <u>1971</u>  | <u>1972</u>   |
|------------------|---------------|---------------|--------------|---------------|
|                  | - number -    |               |              |               |
| British Columbia | 46,381        | 31,714        | 11,465       | 5,453         |
| Saskatchewan . . | 18,642        | 10,562        | 4,234        | 9,307         |
| Manitoba . . . . | 10,887        | 5,184         | 3,162        | 3,211         |
| Ontario. . . . . | 152,399       | 115,377       | 79,957       | 91,722        |
| Nova Scotia. . . | -             | -             | 21           | -             |
| Quebec . . . . . | 13,603        | 7,111         | 1,340        | 2,136         |
| New Brunswick. . | 16            | 52            | -            | -             |
| United States. . | <u>15,749</u> | <u>11,010</u> | <u>4,805</u> | <u>18,057</u> |
| Total            | 257,677       | 181,010       | 104,984      | 129,886       |

Table 41.

## CATTLE MARKETINGS

| Census<br>Division | Marketed at Stockyards and Shipped Directly to Packing Plants |              |            |            |              |              |            |            |              |            |
|--------------------|---------------------------------------------------------------|--------------|------------|------------|--------------|--------------|------------|------------|--------------|------------|
|                    | Steers                                                        |              |            |            | Heifers      |              |            |            | Cows         | Bulls      |
|                    | Choice                                                        | Good         | Medium     | Common     | Choice       | Good         | Medium     | Common     |              |            |
|                    | - number -                                                    |              |            |            |              |              |            |            |              |            |
| 1                  | 15,391                                                        | 1,793        | 293        | 71         | 9,525        | 2,146        | 269        | 117        | 11,366       | 893        |
| 2                  | 151,662                                                       | 16,046       | 7,535      | 789        | 48,396       | 15,878       | 1,279      | 456        | 23,987       | 1,468      |
| 3                  | 41,757                                                        | 4,386        | 1,366      | 293        | 14,826       | 4,612        | 428        | 208        | 11,745       | 869        |
| 4                  | 5,298                                                         | 1,405        | 356        | 89         | 1,951        | 742          | 280        | 216        | 3,600        | 483        |
| 5                  | 37,226                                                        | 10,034       | 2,139      | 1,009      | 15,056       | 7,793        | 1,437      | 962        | 7,157        | 1,002      |
| 6                  | 64,750                                                        | 14,971       | 4,061      | 1,980      | 21,888       | 11,152       | 2,267      | 1,901      | 22,752       | 3,098      |
| 7                  | 31,385                                                        | 6,829        | 1,303      | 258        | 9,612        | 5,527        | 664        | 233        | 8,727        | 1,056      |
| 8                  | 71,770                                                        | 12,126       | 5,483      | 889        | 20,080       | 10,378       | 1,377      | 470        | 11,051       | 984        |
| 9                  | -                                                             | -            | -          | -          | -            | -            | -          | -          | -            | -          |
| 10                 | 33,984                                                        | 9,230        | 1,749      | 394        | 10,700       | 6,911        | 1,190      | 364        | 14,302       | 1,773      |
| 11                 | 25,594                                                        | 8,513        | 2,794      | 620        | 7,437        | 4,827        | 1,065      | 434        | 16,809       | 1,509      |
| 12                 | 3,806                                                         | 1,020        | 284        | 74         | 2,050        | 1,433        | 198        | 73         | 4,392        | 656        |
| 13                 | 10,729                                                        | 3,410        | 1,089      | 239        | 3,723        | 2,281        | 687        | 232        | 8,742        | 1,067      |
| 14                 | 61                                                            | 38           | 17         | 12         | 18           | 11           | 33         | 17         | 719          | 107        |
| 15                 | <u>4,365</u>                                                  | <u>1,642</u> | <u>483</u> | <u>120</u> | <u>1,817</u> | <u>1,549</u> | <u>314</u> | <u>120</u> | <u>4,992</u> | <u>754</u> |
| Province           | 497,778                                                       | 91,443       | 28,952     | 6,837      | 167,079      | 75,240       | 11,488     | 5,803      | 150,341      | 15,719     |
| 1971               | 427,957                                                       | 109,721      | 39,468     | 9,449      | 148,982      | 90,446       | 13,807     | 7,917      | 148,301      | 14,769     |
| 1970               | 432,292                                                       | 115,643      | 36,453     | 8,654      | 144,838      | 81,388       | 14,982     | 7,034      | 122,541      | 13,652     |
| 1969               | 369,303                                                       | 120,488      | 40,466     | 10,776     | 154,637      | 101,151      | 24,761     | 11,446     | 149,704      | 14,813     |
| 1968               | 339,716                                                       | 132,667      | 51,280     | 14,261     | 130,528      | 111,149      | 40,828     | 17,662     | 198,554      | 16,073     |

| Census<br>Division |         |         | Total<br>Yards and<br>Plants | Total Outward Movement |                                |                  |                                     | Total<br>Marketing | Total<br>Inward<br>Movement |
|--------------------|---------|---------|------------------------------|------------------------|--------------------------------|------------------|-------------------------------------|--------------------|-----------------------------|
|                    | Feeders |         |                              | Public<br>Stockyards   | Direct to<br>Packing<br>Plants | Direct<br>Export | Ctry. Pts.<br>in Other<br>Provinces |                    |                             |
|                    | Steers  | Females |                              |                        |                                |                  |                                     |                    |                             |
| 1                  | 476     | 298     | 42,638                       | 1,625                  | 41,013                         | 78               | 1,183                               | 43,899             | 404                         |
| 2                  | 3,924   | 2,450   | 273,870                      | 13,725                 | 260,145                        | 466              | 238                                 | 274,574            | 80,874                      |
| 3                  | 3,915   | 2,440   | 86,845                       | 14,135                 | 72,710                         | 1,457            | 408                                 | 88,710             | 10,878                      |
| 4                  | 2,113   | 1,094   | 17,627                       | 9,325                  | 8,302                          | 59               | 225                                 | 17,911             | 936                         |
| 5                  | 10,656  | 4,907   | 99,378                       | 56,035                 | 43,343                         | 297              | 6                                   | 99,681             | 14,021                      |
| 6                  | 22,060  | 10,474  | 181,354                      | 112,642                | 68,712                         | 704              | 30                                  | 182,088            | 32,686                      |
| 7                  | 8,774   | 5,040   | 79,408                       | 26,285                 | 53,123                         | 380              | -                                   | 79,788             | 17,489                      |
| 8                  | 3,651   | 1,884   | 140,143                      | 16,169                 | 123,974                        | 2,669            | 388                                 | 143,200            | 20,589                      |
| 9                  | -       | -       | -                            | -                      | -                              | -                | -                                   | -                  | 32                          |
| 10                 | 24,268  | 12,049  | 116,914                      | 52,349                 | 64,565                         | 364              | -                                   | 117,278            | 20,306                      |
| 11                 | 23,917  | 9,605   | 103,124                      | 51,270                 | 51,854                         | 289              | -                                   | 103,413            | 22,651                      |
| 12                 | 10,351  | 4,469   | 28,806                       | 20,223                 | 8,583                          | 5                | -                                   | 28,811             | 3,435                       |
| 13                 | 24,185  | 9,198   | 65,582                       | 47,631                 | 17,951                         | 285              | -                                   | 65,867             | 12,099                      |
| 14                 | 2,091   | 972     | 4,096                        | 4,041                  | 55                             | 38               | -                                   | 4,134              | 1,086                       |
| 15                 | 7,630   | 2,193   | 25,979                       | 13,202                 | 12,777                         | 31               | -                                   | 26,010             | 804                         |
| Province           | 148,011 | 67,073  | 1,265,764                    | 438,657                | 827,107                        | 7,122            | 2,478                               | 1,275,364          | 238,290                     |
| 1971               | 140,646 | 73,549  | 1,225,012                    | 456,216                | 768,796                        | 2,562            | 1,903                               | 1,229,477          | 237,219                     |
| 1970               | 131,538 | 65,055  | 1,174,070                    | 466,265                | 707,805                        | 3,610            | 4,312                               | 1,181,992          | 207,548                     |
| 1969               | 153,107 | 79,420  | 1,230,072                    | 545,994                | 684,078                        | 5,201            | 4,801                               | 1,240,074          | 226,214                     |
| 1968               | 147,199 | 82,419  | 1,282,336                    | 595,993                | 686,343                        | 6,295            | 9,195                               | 1,297,826          | 232,110                     |

Table 42.

## CALF MARKETINGS

| Census<br>Division | Marketed at Yards and Plants |         |                    |                 | Total<br>Yards and<br>Plants | Total Outward Movement    |                                |                  |                                     | Total<br>Calves | Total<br>Inward<br>Movement |
|--------------------|------------------------------|---------|--------------------|-----------------|------------------------------|---------------------------|--------------------------------|------------------|-------------------------------------|-----------------|-----------------------------|
|                    | Choice & Good                |         | Medium &<br>Common | Stock<br>Calves |                              | Public<br>Stock-<br>yards | Direct to<br>Packing<br>Plants | Direct<br>Export | Ctry. Pts.<br>in Other<br>Provinces |                 |                             |
|                    | Veal                         | Butcher |                    |                 |                              |                           |                                |                  |                                     |                 |                             |
|                    | All Wts.                     |         |                    |                 |                              |                           |                                |                  |                                     |                 |                             |
|                    |                              |         |                    |                 |                              | - number -                |                                |                  |                                     |                 |                             |
| 1                  | 1                            | -       | -                  | 862             | 863                          | 862                       | 1                              | 93               | 12,984                              | 13,940          | 181                         |
| 2                  | 6                            | 19      | 280                | 6,309           | 6,614                        | 6,569                     | 45                             | 2,017            | 11,568                              | 20,199          | 40,259                      |
| 3                  | -                            | 23      | 6                  | 4,823           | 4,852                        | 4,849                     | 3                              | 1,269            | 11,011                              | 17,132          | 5,457                       |
| 4                  | 2                            | 23      | 25                 | 2,733           | 2,783                        | 2,783                     | -                              | -                | 11,282                              | 14,065          | 785                         |
| 5                  | 4                            | 62      | 95                 | 11,646          | 11,807                       | 11,807                    | -                              | 11               | -                                   | 11,818          | 10,491                      |
| 6                  | 9                            | 117     | 219                | 22,664          | 23,009                       | 22,940                    | 69                             | 19               | 1,270                               | 24,298          | 29,994                      |
| 7                  | 110                          | 344     | 315                | 8,649           | 9,418                        | 9,049                     | 369                            | 4                | 2,627                               | 12,049          | 13,757                      |
| 8                  | 53                           | 78      | 77                 | 2,928           | 3,116                        | 2,984                     | 132                            | 395              | 2,634                               | 6,145           | 15,953                      |
| 9                  | -                            | -       | -                  | -               | -                            | -                         | -                              | -                | -                                   | -               | -                           |
| 10                 | 888                          | 1,227   | 1,288              | 32,507          | 35,910                       | 34,594                    | 1,316                          | 71               | 1,016                               | 36,997          | 21,095                      |
| 11                 | 575                          | 964     | 1,408              | 19,283          | 22,230                       | 20,486                    | 1,744                          | 15               | -                                   | 22,245          | 28,385                      |
| 12                 | 462                          | 454     | 331                | 19,734          | 20,981                       | 20,756                    | 225                            | -                | -                                   | 20,981          | 3,644                       |
| 13                 | 501                          | 728     | 635                | 25,908          | 27,772                       | 27,380                    | 392                            | 288              | -                                   | 28,060          | 13,195                      |
| 14                 | 41                           | 38      | 47                 | 4,520           | 4,646                        | 4,646                     | -                              | 48               | -                                   | 4,694           | 1,027                       |
| 15                 | 152                          | 268     | 369                | 8,671           | 9,460                        | 8,832                     | 628                            | -                | -                                   | 9,460           | 592                         |
| Province           | 2,784                        | 4,345   | 5,095              | 171,237         | 183,461                      | 178,537                   | 4,954                          | 4,230            | 54,392                              | 242,083         | 184,815                     |
| 1971               | 3,549                        | 4,912   | 5,315              | 163,086         | 176,862                      | 170,646                   | 6,216                          | 497              | 44,776                              | 222,135         | 180,278                     |
| 1970               | 4,259                        | 5,958   | 5,467              | 137,098         | 152,782                      | 145,737                   | 7,045                          | 986              | 40,355                              | 194,123         | 138,122                     |
| 1969               | 8,181                        | 10,006  | 8,010              | 137,139         | 163,336                      | 148,939                   | 14,397                         | 476              | 56,355                              | 220,167         | 121,088                     |
| 1968               | 13,776                       | 21,932  | 16,455             | 142,887         | 195,050                      | 165,776                   | 29,274                         | 1,531            | 50,700                              | 247,281         | 110,261                     |



Table 43.

## AVERAGE MONTHLY CATTLE PRICES, CALGARY

|                    | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                    | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                    | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Steers             |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .  | 31.33                      | 32.05       | 32.03       | 32.95       | 32.97      | 32.80       | 32.16       | 31.71       | 31.05        | 31.80       | 33.27       | 34.12       | 32.35       |
| -Good . . . . .    | 30.30                      | 31.23       | 31.02       | 31.98       | 32.15      | 32.01       | 31.18       | 30.91       | 30.26        | 30.78       | 32.31       | 33.17       | 31.44       |
| -Medium . . . . .  | 29.10                      | 30.01       | 29.65       | 30.33       | 30.59      | 30.59       | 30.12       | 29.58       | 29.14        | 29.61       | 31.18       | 31.98       | 30.16       |
| -Common . . . . .  | 28.07                      | 28.62       | 28.27       | 28.47       | 28.51      | 28.68       | 28.66       | 27.89       | 28.00        | 28.59       | 29.74       | 30.56       | 28.67       |
| Heifers            |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .  | 29.12                      | 29.62       | 30.04       | 31.39       | 30.30      | 28.96       | 28.23       | 28.00       | 28.35        | 30.04       | 31.60       | 31.95       | 29.80       |
| -Good . . . . .    | 28.30                      | 28.73       | 28.86       | 30.30       | 29.37      | 28.21       | 27.52       | 27.17       | 27.39        | 29.08       | 30.69       | 31.01       | 28.89       |
| -Medium . . . . .  | 26.87                      | 27.34       | 27.50       | 28.85       | 28.01      | 27.33       | 26.54       | 26.01       | 26.11        | 27.90       | 29.56       | 29.72       | 27.65       |
| -Common . . . . .  | 25.39                      | 25.65       | 25.33       | 26.44       | 26.06      | 25.69       | 25.24       | 24.80       | 25.03        | 26.55       | 28.45       | 28.58       | 26.10       |
| Cows               |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 21.16                      | 20.29       | 21.12       | 23.09       | 22.21      | 22.57       | 22.27       | 22.23       | 23.27        | 22.67       | 20.97       | 22.74       | 22.05       |
| -Medium . . . . .  | 19.90                      | 19.19       | 20.08       | 22.00       | 21.20      | 21.55       | 21.35       | 21.38       | 21.98        | 21.31       | 19.87       | 21.37       | 20.93       |
| -Canners & Cutters | 17.58                      | 17.27       | 18.63       | 19.81       | 19.08      | 19.48       | 19.80       | 19.32       | 19.96        | 19.12       | 17.64       | 18.93       | 18.89       |
| Bulls . . . . .    | 24.01                      | 23.89       | 24.05       | 25.14       | 25.82      | 25.41       | 25.36       | 25.18       | 24.48        | 23.55       | 22.63       | 23.60       | 24.43       |
| Feeder Steers      |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 33.30                      | 33.62       | 33.21       | 33.91       | 33.58      | 33.51       | 33.57       | 32.70       | 33.79        | 34.87       | 34.22       | 35.04       | 33.78       |
| -Common . . . . .  | 30.50                      | 30.53       | 30.50       | 30.75       | 30.29      | 30.18       | 30.49       | 30.85       | 31.00        | 31.64       | 31.10       | 31.91       | 30.81       |
| Feeder Females     |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 25.59                      | 25.34       | 26.90       | 29.10       | 28.47      | 27.78       | 27.93       | 26.90       | 28.82        | 30.28       | 28.76       | 27.84       | 27.81       |
| -Common . . . . .  | 21.35                      | 22.47       | 23.78       | 25.50       | 25.48      | 25.51       | 25.40       | 24.63       | 25.26        | 25.73       | 25.78       | 25.18       | 24.67       |

|                    | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                    | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                    | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Steers             |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .  | 34.51                      | 34.67       | 35.13       | 35.89       | 37.12      | 36.49       | 34.79       | 33.13       | 32.94        | 33.48       | 35.74       | 37.32       | 35.10       |
| -Good . . . . .    | 33.92                      | 34.03       | 34.43       | 35.10       | 35.84      | 35.76       | 34.00       | 32.21       | 31.72        | 32.27       | 34.29       | 36.08       | 34.14       |
| -Medium . . . . .  | 32.64                      | 33.18       | 33.24       | 33.65       | 34.55      | 34.23       | 32.76       | 30.89       | 30.67        | 30.96       | 32.72       | 34.47       | 32.83       |
| -Common . . . . .  | 31.50                      | 31.63       | 31.65       | 31.81       | 32.38      | 31.82       | 30.92       | 29.98       | 29.63        | 29.77       | 30.71       | 32.42       | 31.19       |
| Heifers            |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .  | 32.87                      | 32.00       | 33.24       | 34.66       | 35.08      | 33.87       | 32.23       | 30.52       | 30.85        | 32.37       | 33.77       | 34.54       | 33.00       |
| -Good . . . . .    | 31.17                      | 31.22       | 32.40       | 33.46       | 33.86      | 32.93       | 31.40       | 29.62       | 29.65        | 31.31       | 32.60       | 33.66       | 31.94       |
| -Medium . . . . .  | 30.15                      | 30.01       | 30.84       | 31.28       | 32.07      | 31.45       | 29.91       | 28.56       | 28.42        | 29.98       | 31.08       | 31.86       | 30.47       |
| -Common . . . . .  | 28.72                      | 28.13       | 28.43       | 29.42       | 29.56      | 29.10       | 28.40       | 27.72       | 27.57        | 28.57       | 29.51       | 30.22       | 28.78       |
| Cows               |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 22.81                      | 23.52       | 26.72       | 27.72       | 27.55      | 27.00       | 25.81       | 26.05       | 25.67        | 25.91       | 24.45       | 26.07       | 25.77       |
| -Medium . . . . .  | 22.04                      | 22.48       | 25.63       | 26.33       | 25.73      | 25.81       | 24.50       | 24.58       | 24.46        | 24.61       | 23.36       | 24.43       | 24.50       |
| -Canners & Cutters | 20.40                      | 21.28       | 23.19       | 23.68       | 23.12      | 22.67       | 21.97       | 21.80       | 21.95        | 21.86       | 20.57       | 21.27       | 21.98       |
| Bulls . . . . .    | 25.09                      | 25.80       | 27.33       | 27.82       | 28.60      | 28.90       | 27.55       | 28.88       | 28.42        | 28.60       | 26.87       | 26.81       | 27.56       |
| Feeder Steers      |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 35.97                      | 37.17       | 37.66       | 37.93       | 39.57      | 38.48       | 36.83       | 36.46       | 37.46        | 38.46       | 38.71       | 39.42       | 37.84       |
| -Common . . . . .  | 33.28                      | 33.42       | 34.22       | 34.11       | 35.07      | 34.96       | 33.65       | 33.47       | 33.87        | 34.21       | 34.20       | 34.67       | 34.09       |
| Feeder Females     |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 30.21                      | 30.61       | 31.34       | 31.28       | 32.74      | 33.26       | 31.72       | 32.02       | 32.50        | 33.95       | 33.10       | 33.16       | 32.16       |
| -Common . . . . .  | 25.12                      | 26.21       | 26.58       | 27.53       | 28.15      | 28.12       | 28.04       | 27.40       | 27.73        | 29.56       | 28.63       | 27.81       | 27.57       |

Table 44.

## AVERAGE MONTHLY CATTLE PRICES, EDMONTON

|                    | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                    | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                    | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Steers             |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .  | 31.08                      | 31.81       | 31.96       | 32.61       | 32.28      | 32.16       | 31.77       | 31.56       | 30.83        | 31.03       | 32.44       | 33.39       | 31.91       |
| -Good . . . . .    | 30.53                      | 31.00       | 31.13       | 31.75       | 31.20      | 31.40       | 31.00       | 30.80       | 30.31        | 30.45       | 31.75       | 32.67       | 31.17       |
| -Medium . . . . .  | 29.03                      | 29.53       | 29.21       | 28.02       | 28.43      | 27.57       | 26.94       | 27.32       | 27.76        | 28.58       | 29.59       | 31.03       | 28.58       |
| -Common . . . . .  | 27.72                      | 27.75       | 27.98       | 26.69       | 27.16      | 26.32       | 26.00       | 26.39       | 26.97        | 27.50       | 28.05       | 29.03       | 27.30       |
| Heifers            |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .  | 28.68                      | 29.15       | 29.67       | 31.03       | 30.08      | 28.43       | 27.45       | 27.43       | 28.23        | 29.31       | 30.89       | 31.16       | 29.29       |
| -Good . . . . .    | 28.23                      | 28.23       | 28.72       | 29.92       | 29.06      | 27.51       | 26.56       | 26.60       | 27.20        | 28.33       | 30.12       | 30.41       | 28.41       |
| -Medium . . . . .  | 27.00                      | 27.10       | 27.50       | 27.60       | 27.54      | 26.49       | 25.50       | 25.50       | 25.79        | 27.24       | 28.70       | 28.90       | 27.07       |
| -Common . . . . .  | 25.34                      | 25.50       | 26.08       | 26.50       | 26.50      | 25.50       | 24.50       | 24.50       | 24.75        | 25.25       | 27.20       | 27.83       | 25.79       |
| Cows               |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 20.03                      | 19.84       | 20.42       | 22.16       | 21.50      | 21.81       | 21.45       | 21.45       | 21.84        | 18.47       | 20.31       | 22.05       | 20.94       |
| -Medium . . . . .  | 18.93                      | 18.82       | 19.49       | 20.95       | 20.34      | 20.99       | 20.50       | 20.45       | 20.50        | 19.38       | 19.10       | 20.93       | 20.03       |
| -Canners & Cutters | 16.87                      | 16.92       | 18.28       | 18.85       | 18.58      | 19.07       | 19.00       | 18.57       | 18.34        | 18.02       | 17.49       | 18.68       | 18.22       |
| Bulls              | 23.08                      | 23.50       | 23.74       | 24.33       | 24.61      | 24.72       | 24.52       | 23.73       | 23.65        | 23.57       | 22.46       | 23.10       | 23.75       |
| Feeder Steers      |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 32.81                      | 32.76       | 32.00       | 32.50       | 33.25      | 33.39       | 32.90       | 33.60       | 34.46        | 34.64       | 35.01       | 36.58       | 33.66       |
| -Common . . . . .  | 28.84                      | 28.70       | 28.50       | 29.00       | 29.56      | 30.17       | 29.89       | 29.81       | 29.33        | 29.64       | 28.77       | 31.53       | 29.48       |
| Feeder Females     |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .    | 29.00                      | 29.00       | 29.00       | 29.40       | 29.25      | 29.70       | 29.27       | 29.00       | 28.85        | 29.29       | 30.50       | 31.61       | 29.49       |
| -Common . . . . .  | 22.50                      | 22.50       | 22.82       | 24.00       | 24.53      | 25.49       | 25.50       | 25.17       | 24.43        | 25.00       | 25.50       | 26.43       | 24.49       |

|                        | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|------------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                        | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                        | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| <b>Steers</b>          |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .      | 34.14                      | 34.18       | 34.70       | 35.41       | 36.56      | 36.38       | 34.71       | 32.71       | 31.89        | 32.70       | 35.28       | 37.07       | 34.64       |
| -Good . . . . .        | 33.18                      | 33.30       | 33.55       | 34.36       | 35.55      | 35.36       | 33.97       | 32.09       | 31.18        | 31.40       | 34.20       | 36.27       | 33.70       |
| -Medium . . . . .      | 31.21                      | 31.04       | 31.18       | 31.30       | 31.51      | 31.47       | 30.81       | 29.73       | 29.42        | 30.54       | 32.48       | 34.36       | 31.25       |
| -Common . . . . .      | 29.40                      | 29.26       | 29.24       | 29.93       | 29.63      | 30.19       | 29.45       | 28.50       | 28.52        | 29.13       | 31.20       | 32.56       | 29.75       |
| <b>Heifers</b>         |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Choice . . . . .      | 31.37                      | 31.42       | 32.82       | 33.54       | 34.11      | 33.34       | 31.77       | 30.55       | 30.45        | 31.77       | 33.69       | 34.86       | 32.47       |
| -Good . . . . .        | 30.61                      | 30.65       | 31.90       | 32.51       | 33.15      | 32.27       | 30.95       | 29.68       | 29.46        | 30.77       | 32.80       | 32.91       | 31.47       |
| -Medium . . . . .      | 29.10                      | 28.95       | 30.18       | 30.98       | 31.56      | 30.53       | 29.53       | 28.51       | 28.50        | 29.59       | 31.34       | 32.58       | 30.11       |
| -Common . . . . .      | 27.71                      | 27.84       | 28.66       | 29.36       | 30.00      | 29.09       | 28.14       | 27.50       | 27.51        | 28.17       | 29.85       | 31.10       | 28.74       |
| <b>Cows</b>            |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .        | 22.21                      | 22.30       | 25.23       | 26.49       | 26.45      | 26.52       | 25.01       | 25.23       | 24.53        | 24.89       | 23.96       | 25.05       | 24.82       |
| -Medium . . . . .      | 21.14                      | 21.62       | 24.04       | 24.96       | 24.47      | 24.76       | 24.06       | 24.17       | 23.67        | 23.64       | 22.67       | 23.66       | 23.57       |
| -Canners & Cutters     | 19.52                      | 19.85       | 22.02       | 22.71       | 22.51      | 22.40       | 22.30       | 22.58       | 22.00        | 21.52       | 19.98       | 21.27       | 21.56       |
| <b>Bulls . . . . .</b> | 24.54                      | 24.88       | 26.77       | 26.60       | 27.43      | 27.88       | 27.31       | 27.41       | 26.12        | 25.27       | 26.07       | 26.58       | 26.41       |
| <b>Feeder Steers</b>   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .        | 36.14                      | 36.40       | 38.36       | 39.00       | 39.21      | 39.96       | 40.47       | 38.36       | 37.66        | 37.89       | 38.69       | 41.02       | 38.60       |
| -Common . . . . .      | 31.52                      | 31.84       | 33.57       | 33.64       | 33.88      | 34.46       | 34.42       | 32.90       | 33.00        | 33.36       | 34.00       | 34.90       | 33.46       |
| <b>Feeder Females</b>  |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .        | 31.35                      | 31.80       | 32.68       | 32.88       | 33.89      | 34.53       | 34.78       | 33.53       | 33.16        | 33.69       | 34.16       | 34.76       | 33.43       |
| -Common . . . . .      | 26.50                      | 26.86       | 28.86       | 29.00       | 29.38      | 30.00       | 30.31       | 29.72       | 29.53        | 30.00       | 30.00       | 30.42       | 29.22       |

Table 45.

## AVERAGE MONTHLY CALF PRICES, CALGARY

|                   | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|-------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                   | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                   | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Choice and Good   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Veal . . . . .   | 38.40                      | -           | -           | -           | -          | 46.25       | 41.72       | -           | -            | -           | -           | -           | -           |
| -Butcher. . . . . | 32.80                      | 33.32       | 32.80       | 34.62       | 33.21      | 33.82       | 33.70       | 35.90       | 32.80        | -           | -           | 34.10       | 33.71       |
| Medium and Common |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -All Weights. . . | 30.92                      | 29.60       | 31.05       | 30.25       | 28.34      | 30.74       | 31.00       | 33.46       | 32.32        | 29.73       | 30.48       | 31.68       | 30.80       |
| Stocker Steers    |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 40.03                      | 39.56       | 38.18       | 38.29       | 38.00      | 38.24       | 39.30       | 43.19       | 42.09        | 44.63       | 43.14       | 43.81       | 40.71       |
| -Common           | 33.71                      | 34.57       | 32.77       | 32.81       | 33.05      | 33.56       | 33.60       | 36.35       | 35.97        | 38.48       | 38.82       | 39.23       | 35.24       |
| Stocker Heifers   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 34.38                      | 33.52       | 32.55       | 33.68       | 33.50      | 33.11       | 33.06       | 35.75       | 34.63        | 35.35       | 34.75       | 35.06       | 34.11       |
| -Common . . . . . | 30.63                      | 30.08       | 29.63       | 29.51       | 30.17      | 29.34       | 29.85       | 31.16       | 30.62        | 31.58       | 30.36       | 31.33       | 30.36       |
|                   | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Choice and Good   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Veal . . . . .   | -                          | -           | -           | -           | -          | -           | -           | 45.00       | 43.00        | -           | -           | -           | -           |
| -Butcher. . . . . | 34.14                      | 33.78       | 33.93       | 34.42       | 34.34      | 33.78       | 35.46       | 36.32       | 38.12        | 36.00       | 34.17       | 35.51       | 35.00       |
| Medium and Common |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -All Weights. . . | 30.77                      | 31.60       | 31.70       | 31.85       | 31.90      | 31.94       | 31.02       | 32.52       | 30.40        | 32.42       | 30.97       | 30.45       | 31.46       |
| Stocker Steers    |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 41.12                      | 41.03       | 41.46       | 42.77       | 42.72      | 44.04       | 43.70       | 49.93       | 49.63        | 48.97       | 48.88       | 49.76       | 45.33       |
| -Common . . . . . | 35.87                      | 35.67       | 36.43       | 36.70       | 36.49      | 37.05       | 36.85       | 40.36       | 39.57        | 38.78       | 38.80       | 42.45       | 37.92       |
| Stocker Heifers   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 34.85                      | 34.74       | 35.75       | 36.83       | 36.97      | 37.71       | 37.55       | 38.23       | 39.40        | 39.62       | 39.43       | 40.21       | 37.61       |
| -Common . . . . . | 31.99                      | 31.08       | 32.34       | 33.68       | 33.72      | 33.52       | 32.94       | 34.04       | 34.14        | 32.93       | 33.65       | 34.63       | 33.22       |

Table 46.

## AVERAGE MONTHLY CALF PRICES, EDMONTON

|                   | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|-------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                   | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                   | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Choice and Good   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Veal . . . . .   | 42.79                      | 44.76       | 46.16       | 47.64       | 47.50      | 50.76       | 46.48       | 40.41       | 36.52        | 36.50       | 37.38       | 40.12       | 43.09       |
| -Butcher. . . . . | 35.35                      | 36.50       | 36.61       | 36.44       | 35.00      | 35.00       | 33.19       | 31.02       | 29.73        | 30.51       | 32.75       | 34.02       | 33.84       |
| Medium and Common |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -All Weights. . . | 30.00                      | 30.24       | 30.00       | 30.00       | 30.00      | 30.00       | 30.00       | 29.19       | 27.50        | 27.80       | 28.00       | 28.09       | 29.24       |
| Stocker Steers    |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 38.77                      | 39.00       | 39.90       | 41.12       | 42.12      | 42.78       | 42.50       | 42.00       | 41.69        | 42.85       | 43.87       | 43.82       | 41.70       |
| -Common . . . . . | 33.72                      | 33.85       | 33.50       | 33.78       | 34.55      | 34.77       | 34.31       | 32.97       | 32.00        | 32.76       | 34.79       | 34.74       | 33.81       |
| Stocker Heifers   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 33.61                      | 34.00       | 33.72       | 33.22       | 34.73      | 35.00       | 34.51       | 33.85       | 33.39        | 34.01       | 34.53       | 34.70       | 34.16       |
| -Common . . . . . | 30.00                      | 30.00       | 29.66       | 29.82       | 30.00      | 30.00       | 30.00       | 29.66       | 29.48        | 30.33       | 30.45       | 30.88       | 30.02       |
|                   | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Choice and Good   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Veal . . . . .   | 43.25                      | 44.77       | 49.81       | 53.17       | 56.89      | 60.58       | 57.00       | 50.50       | 38.76        | 38.75       | 39.00       | 40.90       | 47.78       |
| -Butcher. . . . . | 36.60                      | 37.69       | 40.72       | 41.76       | 43.05      | 46.70       | 42.56       | 38.93       | 33.76        | 33.82       | 34.00       | 35.59       | 38.77       |
| Medium and Common |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -All Weights. . . | 30.27                      | 31.11       | 34.94       | 35.27       | 35.00      | 37.00       | 37.00       | 32.45       | 30.00        | 30.15       | 30.00       | 31.87       | 32.92       |
| Stocker Steers    |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 42.00                      | 42.03       | 45.07       | 44.73       | 45.83      | 48.32       | 49.60       | 48.77       | 48.65        | 47.50       | 47.66       | 48.75       | 46.58       |
| -Common . . . . . | 34.00                      | 34.82       | 37.00       | 37.00       | 37.64      | 39.93       | 41.28       | 40.00       | 40.00        | 38.99       | 39.24       | 41.11       | 38.42       |
| Stocker Heifers   |                            |             |             |             |            |             |             |             |              |             |             |             |             |
| -Good . . . . .   | 34.00                      | 35.21       | 37.22       | 37.09       | 38.46      | 38.30       | 40.66       | 40.11       | 39.87        | 38.72       | 38.80       | 39.55       | 38.17       |
| -Common . . . . . | 30.50                      | 30.92       | 32.00       | 32.00       | 33.40      | 34.75       | 34.91       | 34.41       | 33.00        | 33.78       | 34.00       | 34.00       | 33.14       |



Table 47.

## CATTLE ON FARMS, JUNE 1

1 9 7 1 C E N S U S <sup>1/</sup>

| Census<br>Division | Bulls      | Cows              |             | Heifers    |             | Steers      | Calves      | Total        |
|--------------------|------------|-------------------|-------------|------------|-------------|-------------|-------------|--------------|
|                    |            | For Milk          | For Beef    | For Milk   | For Beef    |             |             |              |
|                    |            | - thousand head - |             |            |             |             |             |              |
| 1                  | 4.1        | 2.7               | 78.6        | 0.5        | 26.6        | 19.9        | 66.0        | 198.3        |
| 2                  | 6.4        | 9.9               | 115.7       | 2.6        | 51.7        | 76.8        | 101.4       | 364.5        |
| 3                  | 6.0        | 5.3               | 108.6       | 1.1        | 37.8        | 42.4        | 94.6        | 295.9        |
| 4                  | 4.5        | 1.4               | 96.0        | 0.2        | 28.5        | 21.0        | 81.2        | 232.9        |
| 5                  | 4.2        | 4.6               | 80.7        | 0.9        | 32.1        | 39.8        | 72.3        | 234.6        |
| 6                  | 8.5        | 14.5              | 137.8       | 3.9        | 51.6        | 77.7        | 120.5       | 414.5        |
| 7                  | 6.3        | 9.8               | 123.3       | 1.5        | 40.2        | 43.0        | 110.2       | 334.1        |
| 8                  | 6.7        | 24.3              | 121.2       | 4.8        | 48.4        | 67.7        | 116.2       | 389.2        |
| 9                  | 0.4        | -                 | 7.7         | -          | 2.2         | 3.5         | 5.0         | 18.8         |
| 10                 | 8.1        | 29.9              | 128.3       | 5.3        | 42.9        | 52.9        | 122.4       | 389.8        |
| 11                 | 5.2        | 43.6              | 76.6        | 10.3       | 29.2        | 35.2        | 87.9        | 288.0        |
| 12                 | 3.1        | 10.5              | 56.6        | 1.9        | 15.5        | 9.8         | 49.2        | 146.5        |
| 13                 | 4.3        | 19.8              | 77.2        | 3.5        | 25.3        | 25.8        | 75.8        | 231.7        |
| 14                 | 0.8        | 2.5               | 13.6        | 0.4        | 4.1         | 2.2         | 12.2        | 35.8         |
| 15                 | <u>3.0</u> | <u>6.8</u>        | <u>48.4</u> | <u>1.3</u> | <u>15.2</u> | <u>10.4</u> | <u>42.5</u> | <u>127.6</u> |
| Province           | 71.8       | 185.6             | 1,270.2     | 38.0       | 451.1       | 528.1       | 1,157.3     | 3,702.1      |

| Census<br>Division | Bulls | 1 9 7 2  |          |          |          |        |         | 1972 as<br>% of 1971 |       |
|--------------------|-------|----------|----------|----------|----------|--------|---------|----------------------|-------|
|                    |       | Cows     |          | Heifers  |          | Steers | Calves  |                      | Total |
|                    |       | For Milk | For Beef | For Milk | For Beef |        |         |                      |       |
|                    |       |          |          |          |          |        |         |                      |       |
| 1                  | 4.4   | 2.8      | 83.0     | 0.5      | 29.3     | 21.0   | 71.0    | 212.0                | 106.9 |
| 2                  | 6.2   | 9.0      | 125.5    | 2.4      | 52.0     | 85.0   | 109.0   | 389.1                | 106.7 |
| 3                  | 6.3   | 5.3      | 120.0    | 0.9      | 41.5     | 40.0   | 105.0   | 319.0                | 107.8 |
| 4                  | 5.0   | 1.4      | 100.9    | 0.2      | 29.5     | 21.0   | 89.0    | 247.0                | 106.0 |
| 5                  | 4.5   | 4.6      | 80.0     | 0.7      | 35.7     | 41.0   | 80.0    | 246.5                | 105.1 |
| 6                  | 8.4   | 13.7     | 145.6    | 3.1      | 55.1     | 75.0   | 126.0   | 426.9                | 103.0 |
| 7                  | 6.1   | 8.8      | 130.6    | 1.3      | 46.0     | 42.0   | 118.0   | 352.8                | 105.6 |
| 8                  | 7.4   | 24.7     | 130.6    | 5.1      | 50.0     | 70.0   | 122.2   | 410.0                | 105.3 |
| 9                  | 0.4   | -        | 7.9      | -        | 2.1      | 3.8    | 5.4     | 19.6                 | 104.2 |
| 10                 | 8.4   | 28.8     | 136.7    | 4.5      | 47.6     | 49.7   | 127.0   | 402.7                | 103.3 |
| 11                 | 6.0   | 40.6     | 84.0     | 8.0      | 33.0     | 33.0   | 92.0    | 296.6                | 103.0 |
| 12                 | 3.5   | 10.0     | 56.0     | 1.9      | 18.0     | 10.0   | 41.4    | 140.8                | 96.1  |
| 13                 | 4.6   | 18.9     | 81.8     | 2.9      | 29.0     | 30.0   | 76.5    | 243.7                | 105.2 |
| 14                 | 0.9   | 2.4      | 15.5     | 0.4      | 4.2      | 2.3    | 12.5    | 38.2                 | 106.7 |
| 15                 | 2.9   | 7.0      | 51.9     | 1.1      | 17.0     | 11.2   | 45.0    | 136.1                | 106.7 |
| Province           | 75.0  | 178.0    | 1,350.0  | 33.0     | 490.0    | 535.0  | 1,220.0 | 3,881.0              | 104.8 |

1/ 1971 totals do not necessarily balance because of rounding.

Table 48.

## HOG MARKETINGS

| Census<br>Division | Index<br>112 | 110<br>&<br>109 | 107<br>&<br>105 | 103<br>&<br>102 | 100           | 98<br>&<br>97 | 95<br>&<br>92 | 88         | Light<br>&<br>80 | Heavy         | Ridglings  |
|--------------------|--------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|------------|------------------|---------------|------------|
| - number -         |              |                 |                 |                 |               |               |               |            |                  |               |            |
| 1                  | 39           | 611             | 3,790           | 7,135           | 2,975         | 3,230         | 852           | 146        | 560              | 1,559         | 110        |
| 2                  | 294          | 4,390           | 22,575          | 41,790          | 18,033        | 18,544        | 4,810         | 673        | 2,775            | 8,688         | 611        |
| 3                  | 66           | 1,177           | 6,740           | 14,105          | 6,515         | 6,318         | 1,415         | 199        | 1,092            | 2,898         | 215        |
| 4                  | 20           | 345             | 1,764           | 3,785           | 1,777         | 1,742         | 419           | 62         | 555              | 1,011         | 79         |
| 5                  | 199          | 2,758           | 16,450          | 34,753          | 16,210        | 18,431        | 5,295         | 914        | 3,169            | 9,885         | 541        |
| 6                  | 259          | 3,258           | 19,871          | 41,314          | 21,043        | 23,481        | 7,073         | 1,280      | 3,999            | 13,813        | 712        |
| 7                  | 153          | 2,251           | 13,388          | 32,911          | 16,599        | 18,584        | 4,916         | 760        | 2,381            | 12,238        | 657        |
| 8                  | 478          | 7,396           | 43,085          | 90,499          | 44,188        | 49,605        | 13,516        | 2,207      | 4,535            | 26,912        | 1,171      |
| 9                  | 9            | 23              | 96              | 82              | 19            | 7             | -             | 1          | 8                | 4             | 1          |
| 10                 | 383          | 5,558           | 33,638          | 77,147          | 40,949        | 45,816        | 12,013        | 1,781      | 6,527            | 29,985        | 1,531      |
| 11                 | 561          | 6,242           | 41,953          | 99,634          | 46,878        | 54,653        | 14,310        | 2,176      | 9,769            | 37,299        | 1,821      |
| 12                 | 203          | 2,324           | 12,763          | 28,691          | 14,669        | 16,135        | 4,159         | 571        | 2,428            | 8,783         | 534        |
| 13                 | 387          | 5,159           | 30,373          | 65,195          | 31,443        | 32,210        | 7,464         | 1,074      | 4,248            | 21,025        | 995        |
| 14                 | 9            | 193             | 890             | 1,846           | 980           | 1,192         | 382           | 55         | 149              | 671           | 37         |
| 15                 | <u>133</u>   | <u>1,880</u>    | <u>12,816</u>   | <u>31,838</u>   | <u>16,931</u> | <u>19,926</u> | <u>5,308</u>  | <u>830</u> | <u>3,934</u>     | <u>10,226</u> | <u>516</u> |
| Province           | 3,193        | 43,565          | 260,192         | 570,725         | 279,209       | 309,874       | 81,932        | 12,729     | 46,129           | 184,997       | 9,531      |
| 1971               | 2,686        | 41,931          | 263,454         | 605,071         | 298,024       | 333,286       | 87,971        | 13,674     | 61,868           | 204,318       | 10,035     |
| 1970               | 1,353        | 22,477          | 168,733         | 463,876         | 261,211       | 323,909       | 94,714        | 16,207     | 31,282           | 158,744       | 8,732      |
| 1969               | 2,071        | 25,262          | 153,207         | 406,578         | 236,005       | 294,138       | 87,743        | 16,099     | 31,266           | 105,990       | 8,244      |
| 1968               | -            | -               | -               | -               | -             | -             | -             | -          | -                | -             | -          |

| Census<br>Division | Stags | Sows   | Total<br>Carcasses | Total<br>Ungraded | Total Outward Movement |                   |                  | Total<br>Marketing | Per Cent of Index |                 |                 |                 |
|--------------------|-------|--------|--------------------|-------------------|------------------------|-------------------|------------------|--------------------|-------------------|-----------------|-----------------|-----------------|
|                    |       |        |                    |                   | Stock-<br>yards        | Packing<br>Plants | Direct<br>Export |                    | 112               | 110<br>&<br>109 | 107<br>&<br>105 | 103<br>&<br>102 |
| - number -         |       |        |                    |                   |                        |                   |                  |                    |                   |                 |                 |                 |
| 1                  | 58    | 799    | 21,864             | -                 | 130                    | 21,734            | 639              | 22,503             | 0.2               | 2.9             | 18.0            | 34.0            |
| 2                  | 291   | 4,555  | 128,029            | 854               | 6,153                  | 122,730           | 11,024           | 139,907            | 0.2               | 3.6             | 18.3            | 33.9            |
| 3                  | 63    | 1,188  | 41,991             | -                 | 2,027                  | 39,964            | 4,063            | 46,054             | 0.2               | 2.9             | 16.5            | 34.6            |
| 4                  | 30    | 818    | 12,407             | 38                | 141                    | 12,304            | -                | 12,445             | 0.2               | 3.0             | 15.3            | 32.7            |
| 5                  | 192   | 3,280  | 112,077            | -                 | 20,884                 | 91,193            | 1,508            | 113,585            | 0.2               | 2.5             | 15.1            | 32.0            |
| 6                  | 198   | 4,939  | 141,240            | 246               | 43,542                 | 97,944            | 433              | 141,919            | 0.2               | 2.4             | 14.6            | 30.4            |
| 7                  | 114   | 4,481  | 109,433            | 163               | 2,830                  | 106,766           | -                | 109,596            | 0.1               | 2.1             | 12.8            | 31.4            |
| 8                  | 408   | 10,050 | 294,050            | -                 | 1,504                  | 292,546           | 446              | 294,496            | 0.2               | 2.6             | 15.2            | 31.9            |
| 9                  | -     | 1      | 251                | -                 | 248                    | 3                 | -                | 251                | 3.6               | 9.2             | 38.4            | 32.8            |
| 10                 | 196   | 12,284 | 267,808            | -                 | 23,551                 | 244,257           | 125              | 267,933            | 0.2               | 2.2             | 13.2            | 30.2            |
| 11                 | 502   | 12,068 | 327,866            | 1,191             | 44,016                 | 285,041           | 616              | 329,673            | 0.2               | 2.0             | 13.3            | 31.6            |
| 12                 | 57    | 4,020  | 95,337             | -                 | 7,999                  | 87,338            | 26               | 95,363             | 0.2               | 2.5             | 14.0            | 31.4            |
| 13                 | 73    | 7,363  | 207,009            | -                 | 21,290                 | 185,719           | 200              | 207,209            | 0.2               | 2.6             | 15.2            | 32.7            |
| 14                 | 5     | 378    | 6,787              | -                 | 1,170                  | 5,617             | 14               | 6,801              | 0.1               | 3.0             | 13.9            | 28.8            |
| 15                 | 177   | 5,347  | 109,862            | -                 | 2,211                  | 107,651           | 12               | 109,874            | 0.1               | 1.8             | 12.3            | 30.5            |
| Province           | 2,364 | 71,571 | 1,876,011          | 2,492             | 177,696                | 1,700,807         | 19,106           | 1,897,609          | 0.2               | 2.4             | 14.4            | 31.7            |
| 1971               | 2,735 | 89,971 | 2,015,024          | 416               | 270,105                | 1,745,335         | 21,865           | 2,037,305          | 0.1               | 2.2             | 13.7            | 31.5            |
| 1970               | 1,939 | 66,912 | 1,620,089          | -                 | 226,823                | 1,393,266         | 27,813           | 1,647,902          | 0.1               | 1.4             | 10.9            | 29.9            |
| 1969               | 2,519 | 46,402 | 1,415,524          | -                 | 71,482                 | 1,344,042         | 2                | 1,415,526          | 0.2               | 1.8             | 11.2            | 29.8            |
| 1968               | -     | -      | 1,696,952          | -                 | 75,096                 | 1,621,856         | 212              | 1,697,164          |                   |                 |                 |                 |

Note: No figures for 1968 as a different grading system was utilized.

Table 49.

## INSPECTED HOG CARCASSES

| <u>Year</u> | <u>Total Number</u> | <u>Value Per Hog</u> | <u>Total Sale Value</u> |
|-------------|---------------------|----------------------|-------------------------|
| 1968        | 1,696,952           | \$42.62              | \$72,316,158.00         |
| 1969        | 1,415,524           | 54.53                | 77,188,633.00           |
| 1970        | 1,620,089           | 48.42                | 78,440,135.00           |
| 1971        | 2,037,305           | 36.27                | 73,893,052.00           |
| 1972        | 1,897,609           | 51.52                | 97,764,816.00           |

Table 50.

## AVERAGE PRICES AT MAJOR SWINE SALES

| <u>Breed</u>       | <u>Boars</u>   |          |                |          | <u>Sows</u>    |          |                |          |
|--------------------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|
|                    | <u>1 9 7 1</u> |          | <u>1 9 7 2</u> |          | <u>1 9 7 1</u> |          | <u>1 9 7 2</u> |          |
|                    | no.            | av. pr.  | no.            | av. pr.  | no.            | av. pr.  | no.            | av. pr.  |
| Yorkshire. . . . . | 245            | \$172.58 | 279            | \$168.30 | 273            | \$111.53 | 398            | \$128.44 |
| Lacombe. . . . .   | 39             | 106.12   | 49             | 129.39   | 32             | 115.94   | 29             | 137.24   |
| Hampshire. . . . . | 6              | 130.00   | 15             | 202.83   | 12             | 86.46    | 10             | 141.00   |
| Landrace . . . . . | 2              | 92.50    | 7              | 145.00   | -              | -        | 19             | 126.05   |
| Poland China . . . | 19             | 115.26   | 12             | 180.42   | 12             | 134.17   | 3              | 180.00   |
| Large Black. . . . | 2              | 127.50   | -              | -        | -              | -        | -              | -        |
| Commercial . . . . | -              | -        | -              | -        | -              | -        | 2              | 65.00    |
| Total & Av.        | 313            | 123.20   | 362            | 164.51   | 329            | 111.87   | 461            | 129.23   |

Note: Sales at Edmonton (2), Calgary (2) and Camrose (3).

Table 51.

## AVERAGE MONTHLY HOG PRICES, CALGARY

|                      | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|----------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                      | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                      | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Dressed: Index 100 . | 21.02                      | 22.60       | 20.85       | 19.13       | 20.19      | 20.01       | 21.57       | 22.64       | 23.01        | 23.58       | 24.43       | 24.72       | 21.98       |
| Live: Feeders. . . . | 14.57                      | 15.00       | 15.70       | 15.41       | 14.26      | 15.38       | 15.05       | 13.52       | 15.66        | 13.65       | 14.46       | 14.60       | 14.77       |
|                      | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Dressed: Index 100 . | 25.49                      | 28.90       | 28.53       | 28.03       | 29.70      | 30.72       | 33.51       | 34.91       | 36.24        | 36.71       | 36.28       | 38.22       | 32.27       |
| Live: Feeders. . . . | 18.24                      | 17.89       | 19.73       | 23.00       | 20.92      | 21.78       | 30.00       | 27.58       | 27.72        | 32.66       | -           | 34.47       | 24.91       |

Table 52.

## AVERAGE MONTHLY HOG PRICES, EDMONTON

|                      | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|----------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                      | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                      | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Dressed: Index 100 . | 21.82                      | 22.31       | 20.78       | 19.02       | 20.04      | 20.14       | 21.41       | 23.04       | 23.35        | 23.72       | 24.63       | 24.91       | 22.10       |
| Live: Feeders. . . . | 16.68                      | 15.68       | 16.20       | 15.53       | 16.29      | 16.53       | 14.45       | 15.06       | 17.16        | 17.99       | 16.30       | 18.32       | 16.35       |
|                      | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Dressed: Index 100 . | 25.81                      | 28.99       | 28.62       | 28.18       | 29.85      | 31.03       | 33.87       | 35.31       | 36.52        | 36.94       | 36.70       | 38.67       | 32.54       |
| Live: Feeders. . . . | 17.87                      | 20.57       | 25.45       | 26.40       | 27.20      | 26.96       | 27.92       | 28.67       | 29.92        | 30.30       | 29.30       | 31.66       | 26.85       |



Table 53.

## HOGS ON FARMS

| Census<br>Division | 6 Months & Over           |                   | Under 6 Months            |                   | Total                     |                   | 1972 as<br>% of 1971 |
|--------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|----------------------|
|                    | 1971 Census <sup>1/</sup> | 1972 <sup>r</sup> | 1971 Census <sup>1/</sup> | 1972 <sup>r</sup> | 1971 Census <sup>1/</sup> | 1972 <sup>r</sup> |                      |
|                    | - thousands -             |                   |                           |                   |                           |                   | %                    |
| 1                  | 6.5                       | 6.0               | 16.9                      | 13.0              | 23.5                      | 19.0              | 80.8                 |
| 2                  | 35.0                      | 30.0              | 94.3                      | 66.0              | 129.3                     | 96.0              | 74.2                 |
| 3                  | 12.5                      | 11.0              | 42.9                      | 33.0              | 55.4                      | 44.0              | 79.4                 |
| 4                  | 5.3                       | 5.0               | 10.0                      | 6.9               | 15.4                      | 11.9              | 77.3                 |
| 5                  | 27.1                      | 23.0              | 84.1                      | 82.0              | 111.3                     | 105.0             | 94.3                 |
| 6                  | 26.1                      | 22.0              | 86.0                      | 62.0              | 112.0                     | 84.0              | 75.0                 |
| 7                  | 29.7                      | 25.0              | 80.7                      | 83.0              | 110.4                     | 108.0             | 97.8                 |
| 8                  | 55.4                      | 48.0              | 178.1                     | 162.0             | 233.5                     | 210.0             | 89.9                 |
| 9                  | -                         | -                 | 0.1                       | 0.1               | 0.1                       | 0.1               | 100.0                |
| 10                 | 75.4                      | 67.0              | 186.9                     | 187.0             | 262.3                     | 254.0             | 96.8                 |
| 11                 | 53.4                      | 47.0              | 164.1                     | 137.0             | 217.5                     | 184.0             | 84.6                 |
| 12                 | 35.0                      | 30.0              | 77.7                      | 57.0              | 112.7                     | 87.0              | 77.2                 |
| 13                 | 55.3                      | 48.0              | 151.1                     | 115.0             | 206.4                     | 163.0             | 79.0                 |
| 14                 | 4.6                       | 4.0               | 13.0                      | 8.0               | 17.6                      | 12.0              | 68.2                 |
| 15                 | <u>41.0</u>               | <u>36.0</u>       | <u>90.9</u>               | <u>96.0</u>       | <u>131.9</u>              | <u>132.0</u>      | <u>100.1</u>         |
| Province           | 462.1                     | 402.0             | 1,277.0                   | 1,108.0           | 1,739.1                   | 1,510.0           | 86.8                 |

<sup>1/</sup> Adjusted figures.

r Revised.

Note: 1971 totals do not necessarily balance because of rounding.

Table 54.

## SHEEP AND LAMB MARKETINGS

| Census<br>Division | Lambs        |            |            | Sheep      |            |                           | Total Outward Movement         |                     |                                     | Total<br>Marketing | Total<br>Inward<br>Movement | Net<br>Marketing |
|--------------------|--------------|------------|------------|------------|------------|---------------------------|--------------------------------|---------------------|-------------------------------------|--------------------|-----------------------------|------------------|
|                    | Good         | Common     | Feeders    | Good       | Common     | Public<br>Stock-<br>yards | Direct to<br>Packing<br>Plants | Direct on<br>Export | Ctry. Pts.<br>in Other<br>Provinces |                    |                             |                  |
| - number -         |              |            |            |            |            |                           |                                |                     |                                     |                    |                             |                  |
| 1                  | 2,434        | 46         | 100        | -          | -          | 847                       | 1,733                          | -                   | -                                   | 2,580              | -                           | 2,580            |
| 2                  | 24,270       | 838        | 234        | 264        | 131        | 6,706                     | 19,031                         | 6,289               | 2,214                               | 34,240             | 538                         | 33,702           |
| 3                  | 11,420       | 160        | 296        | 29         | 15         | 6,687                     | 5,233                          | 5,608               | 2,108                               | 19,636             | 107                         | 19,529           |
| 4                  | 255          | 192        | 24         | 131        | 2          | 353                       | 251                            | 275                 | -                                   | 879                | -                           | 879              |
| 5                  | 1,838        | 153        | 132        | 52         | 17         | 793                       | 1,399                          | -                   | -                                   | 2,192              | 13                          | 2,179            |
| 6                  | 4,689        | 463        | 183        | 83         | 104        | 1,380                     | 4,142                          | 297                 | -                                   | 5,819              | 362                         | 5,457            |
| 7                  | 667          | 44         | 145        | 5          | 4          | 391                       | 474                            | -                   | -                                   | 865                | 1                           | 864              |
| 8                  | 3,985        | 347        | 156        | 71         | 3          | 714                       | 3,848                          | 90                  | 221                                 | 4,873              | 9                           | 4,864            |
| 9                  | -            | -          | -          | -          | -          | -                         | -                              | -                   | -                                   | -                  | -                           | -                |
| 10                 | 2,787        | 398        | 311        | 255        | 50         | 1,425                     | 2,376                          | -                   | -                                   | 3,801              | 109                         | 3,692            |
| 11                 | 9,066        | 638        | 789        | 247        | 82         | 6,195                     | 4,627                          | -                   | -                                   | 10,822             | 4,473                       | 6,349            |
| 12                 | 908          | 130        | 462        | 207        | 45         | 1,449                     | 303                            | -                   | -                                   | 1,752              | 198                         | 1,554            |
| 13                 | 3,475        | 315        | 1,215      | 500        | 74         | 4,058                     | 1,521                          | -                   | -                                   | 5,579              | 548                         | 5,031            |
| 14                 | 655          | 41         | 267        | 21         | 10         | 881                       | 113                            | -                   | -                                   | 994                | 12                          | 982              |
| 15                 | <u>3,831</u> | <u>131</u> | <u>435</u> | <u>155</u> | <u>103</u> | <u>1,543</u>              | <u>3,112</u>                   | <u>-</u>            | <u>-</u>                            | <u>4,655</u>       | <u>-</u>                    | <u>4,655</u>     |
| Province           | 70,280       | 3,896      | 4,749      | 2,020      | 640        | 33,422                    | 48,163                         | 12,559              | 4,543                               | 98,687             | 6,370                       | 92,317           |
| 1971               | 61,531       | 4,196      | 6,279      | 1,899      | 557        | 31,669                    | 42,793                         | 3,070               | 5,185                               | 82,717             | 7,446                       | 75,271           |
| 1970               | -            | -          | -          | -          | -          | 19,525                    | 40,318                         | 8,434               | 5,632                               | 73,909             | 6,660                       | 67,249           |
| 1969               | -            | -          | -          | -          | -          | 21,245                    | 44,134                         | 18,471              | 5,626                               | 89,476             | 9,674                       | 79,802           |
| 1968               | -            | -          | -          | -          | -          | 28,942                    | 58,834                         | 19,432              | 9,943                               | 117,151            | 8,980                       | 108,171          |

Table 55.

## AVERAGE MONTHLY SHEEP PRICES, CALGARY

|                    | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                    | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                    | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Lambs-Good . . . . | 25.37                      | 26.66       | 24.27       | 25.89       | 29.12      | 28.49       | 26.72       | 24.49       | 20.31        | 21.13       | 21.00       | 20.00       | 24.45       |
| -Common . . . .    | -                          | 25.15       | 15.00       | 19.00       | -          | 24.34       | 21.16       | 18.47       | 17.00        | -           | 19.00       | -           | 19.89       |
| -Feeders . . . .   | 26.00                      | 26.40       | 23.71       | 22.52       | -          | 18.40       | 18.99       | 15.00       | 20.73        | 20.21       | 22.16       | -           | 21.41       |
| Sheep-Good . . . . | 11.60                      | 6.19        | 5.88        | 5.50        | 12.72      | 6.62        | 5.00        | -           | 7.22         | 4.33        | 5.06        | -           | 7.01        |
| -Common . . . .    | -                          | -           | -           | -           | 3.06       | -           | 4.05        | 3.76        | 3.28         | 2.50        | 1.26        | 3.00        | 2.99        |
|                    | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Lambs-Good . . . . | 21.10                      | 24.90       | 28.05       | 27.15       | 28.00      | 31.97       | 29.23       | 25.44       | 23.71        | 22.02       | 23.70       | 25.62       | 25.91       |
| -Common . . . .    | -                          | -           | 26.00       | 22.50       | -          | 25.42       | 24.83       | 23.04       | 22.18        | -           | -           | 24.30       | 24.04       |
| -Feeders . . . .   | -                          | 22.55       | 24.00       | 23.60       | -          | 24.00       | 25.00       | 22.07       | 22.00        | 21.25       | 23.43       | 19.18       | 22.71       |
| Sheep-Good . . . . | -                          | 8.00        | 10.00       | 8.12        | 8.00       | 11.33       | 8.75        | 10.00       | 10.26        | -           | 9.60        | 10.00       | 9.41        |
| -Common . . . .    | 1.00                       | 10.00       | 8.00        | 5.00        | -          | 3.00        | 3.66        | -           | 5.70         | -           | 2.00        | 4.55        | 4.77        |

Table 56.

## AVERAGE MONTHLY SHEEP PRICES, EDMONTON

|                    | <u>Jan.</u>                | <u>Feb.</u> | <u>Mar.</u> | <u>Apr.</u> | <u>May</u> | <u>June</u> | <u>July</u> | <u>Aug.</u> | <u>Sept.</u> | <u>Oct.</u> | <u>Nov.</u> | <u>Dec.</u> | <u>Year</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|
|                    | - dollars per 100 pounds - |             |             |             |            |             |             |             |              |             |             |             |             |
|                    | <u>1971</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Lambs-Good . . . . | 25.64                      | 26.21       | 26.51       | 26.59       | 28.55      | 29.76       | 27.40       | 24.27       | 21.41        | 21.13       | 21.12       | 20.82       | 24.95       |
| -Common . . . .    | -                          | 23.57       | 24.08       | 24.00       | 24.25      | -           | 25.13       | 23.97       | 18.85        | 17.90       | 18.87       | 17.25       | 21.79       |
| -Feeder . . . .    | 23.79                      | 25.31       | 24.53       | 20.40       | 17.78      | -           | 23.70       | 21.34       | 23.19        | 23.18       | 22.67       | 20.06       | 22.36       |
| Sheep-Good . . . . | -                          | -           | 5.00        | 8.40        | 8.29       | 8.00        | 11.18       | 8.92        | 11.82        | 9.79        | 6.60        | 2.00        | 8.00        |
| -Common . . . .    | 4.00                       | -           | 4.00        | 4.08        | 3.57       | -           | 4.20        | 4.79        | 6.52         | 4.61        | 3.92        | 3.50        | 4.32        |
|                    | <u>1972</u>                |             |             |             |            |             |             |             |              |             |             |             |             |
| Lambs-Good . . . . | 23.32                      | 24.64       | 30.01       | 30.40       | 32.92      | 32.39       | 27.87       | 26.45       | 24.57        | 24.22       | 26.36       | 27.07       | 27.52       |
| -Common . . . .    | 22.50                      | 22.46       | 26.17       | -           | -          | 24.00       | 24.42       | 23.63       | 20.08        | 19.93       | 20.86       | 21.00       | 22.50       |
| -Feeders . . . .   | 20.21                      | 21.67       | 21.69       | 21.29       | 22.85      | 19.00       | 22.24       | 22.00       | 23.01        | 24.23       | 26.54       | 26.03       | 22.56       |
| Sheep-Good . . . . | 9.00                       | 15.00       | 9.56        | -           | 10.00      | 8.20        | 9.50        | 9.00        | 11.89        | 10.98       | 8.95        | 9.53        | 10.15       |
| -Common . . . .    | 5.00                       | 4.00        | 5.14        | 5.00        | 7.00       | 5.00        | 5.00        | 4.31        | 3.45         | 2.98        | 5.60        | 4.12        | 4.72        |

Table 57.

## SHEEP AND LAMBS ON FARMS, JUNE 1

| <u>Census<br/>Division</u> | <u>Sheep 1 Year<br/>and Over</u> |            | <u>Lambs Under<br/>1 Year</u> |            | <u>Total Sheep and Lambs</u> |             |                   |
|----------------------------|----------------------------------|------------|-------------------------------|------------|------------------------------|-------------|-------------------|
|                            | 1971<br>Census                   | 1972       | 1971<br>Census                | 1972       | 1971<br>Census               | 1972        | 1972 as<br>% 1971 |
|                            |                                  |            | - thousand head -             |            |                              |             | %                 |
| 1                          | 4.1                              | 4.2        | 4.0                           | 4.2        | 8.1                          | 8.4         | 103.7             |
| 2                          | 19.4                             | 19.5       | 19.2                          | 19.0       | 38.6                         | 38.5        | 99.7              |
| 3                          | 32.9                             | 32.0       | 35.0                          | 34.0       | 67.9                         | 66.0        | 97.2              |
| 4                          | 2.1                              | 1.9        | 1.4                           | 1.4        | 3.5                          | 3.3         | 94.2              |
| 5                          | 5.9                              | 7.0        | 4.7                           | 6.5        | 10.5                         | 13.5        | 128.6             |
| 6                          | 10.0                             | 12.0       | 9.2                           | 10.0       | 19.3                         | 22.0        | 114.0             |
| 7                          | 2.6                              | 2.7        | 2.5                           | 2.5        | 5.1                          | 5.2         | 102.0             |
| 8                          | 11.3                             | 12.0       | 10.4                          | 12.0       | 21.7                         | 24.0        | 110.6             |
| 9                          | 0.1                              | 0.1        | 0.1                           | 0.1        | 0.2                          | 0.2         | 100.0             |
| 10                         | 4.5                              | 5.0        | 4.0                           | 4.8        | 8.5                          | 9.8         | 115.3             |
| 11                         | 10.4                             | 11.0       | 8.7                           | 10.0       | 19.1                         | 21.0        | 109.9             |
| 12                         | 3.3                              | 3.7        | 2.9                           | 2.9        | 6.2                          | 6.6         | 106.4             |
| 13                         | 8.1                              | 10.0       | 7.5                           | 10.0       | 15.6                         | 20.0        | 128.2             |
| 14                         | 1.9                              | 1.9        | 1.6                           | 1.6        | 3.5                          | 3.5         | 100.0             |
| 15                         | <u>9.0</u>                       | <u>9.0</u> | <u>8.0</u>                    | <u>8.0</u> | <u>17.0</u>                  | <u>17.0</u> | <u>100.0</u>      |
| Province                   | 125.7                            | 132.0      | 119.2                         | 127.0      | 244.9                        | 259.0       | 105.8             |

Note: 1971 totals do not necessarily balance because of rounding.

Table 58.

## LIVESTOCK ON FARMS, JUNE 1

|             |                   |         |               | All           |             | Sheep<br>and<br>Lambs |
|-------------|-------------------|---------|---------------|---------------|-------------|-----------------------|
| <u>Year</u> | <u>Cows</u>       |         | <u>Calves</u> | <u>Cattle</u> | <u>Hogs</u> |                       |
|             | Milk              | Beef    |               |               |             |                       |
|             | - thousand head - |         |               |               |             |                       |
| 1961        | 287.9             | 890.2   | 912.9         | 2,879.4       | 1,469.9     | 496.9                 |
| 1962        | 282.0             | 910.0   | 925.0         | 2,899.0       | 1,190.0     | 469.0                 |
| 1963        | 280.0             | 940.0   | 962.0         | 3,035.0       | 1,113.0     | 431.0                 |
| 1964        | 279.0             | 1,018.0 | 1,018.0       | 3,320.0       | 1,302.0     | 400.0                 |
| 1965        | 269.0             | 1,108.0 | 1,076.0       | 3,473.0       | 1,169.0     | 355.0                 |
| 1966        | 243.0             | 1,119.0 | 1,079.6       | 3,439.7       | 1,092.7     | 301.4                 |
| 1967        | 235.0             | 1,104.0 | 1,150.0       | 3,405.0       | 1,254.0     | 287.0                 |
| 1968        | 215.0             | 1,083.0 | 1,040.0       | 3,322.0       | 1,245.0     | 245.0                 |
| 1969        | 200.0             | 1,105.0 | 1,040.0       | 3,380.0       | 1,200.0     | 218.0                 |
| 1970        | 198.0             | 1,155.0 | 1,128.0       | 3,535.0       | 1,600.0     | 247.0                 |
| 1971        | 185.6             | 1,270.2 | 1,157.3       | 3,702.1       | 1,739.1     | 244.9                 |
| 1972        | 178.0             | 1,350.0 | 1,220.0       | 3,881.0       | 1,652.0     | 259.0                 |

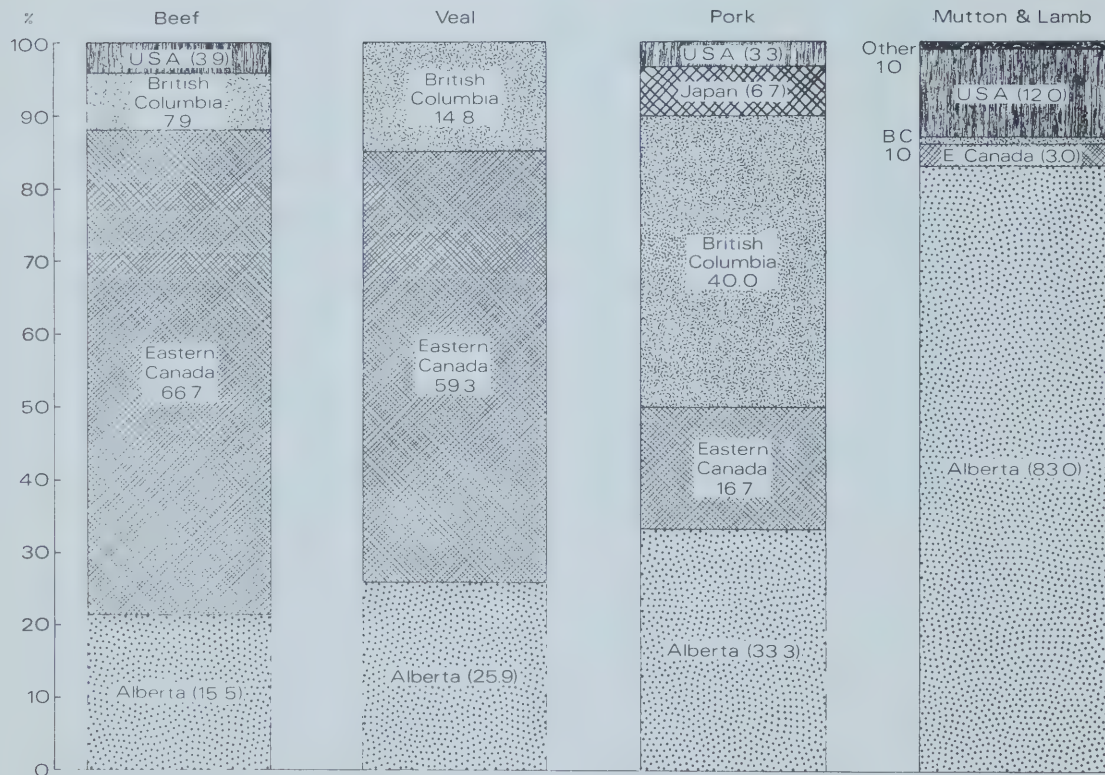
Table 59.

# PER CAPITA CONSUMPTION OF MEATS IN CANADA

| <u>Year</u> | <u>Beef</u> | <u>Veal</u> | <u>Mutton<br/>&amp; Lamb</u> | <u>Pork</u> | <u>Offals</u> | <u>Canned<br/>Meats</u> | <u>Poultry</u> |
|-------------|-------------|-------------|------------------------------|-------------|---------------|-------------------------|----------------|
| 1961        | 70.5        | 6.8         | 3.5                          | 50.3        | 4.5           | 4.3                     | 31.1           |
| 1962        | 71.1        | 7.1         | 3.8                          | 50.1        | 4.3           | 4.2                     | 31.0           |
| 1963        | 74.3        | 6.5         | 4.0                          | 50.7        | 4.0           | 4.4                     | 33.0           |
| 1964        | 79.4        | 7.2         | 3.4                          | 51.8        | 3.9           | 4.5                     | 35.0           |
| 1965        | 83.6        | 8.3         | 2.8                          | 47.9        | 3.6           | 4.2                     | 36.6           |
| 1966        | 84.1        | 7.0         | 3.4                          | 46.9        | 3.6           | 4.2                     | 39.3           |
| 1967        | 84.0        | 7.2         | 3.6                          | 53.8        | 3.9           | 4.7                     | 40.7           |
| 1968        | 87.1        | 6.4         | 4.2                          | 53.6        | 3.8           | 4.7                     | 39.7           |
| 1969        | 87.4        | 5.1         | 4.0                          | 51.9        | 4.0           | 4.6                     | 42.8           |
| 1970        | 85.6        | 4.4         | 3.7                          | 56.9        | 3.4           | 4.7                     | 44.8           |
| 1971        | 86.9        | 4.4         | 3.3                          | 65.9        | 4.3           | -                       | 43.8           |
| 1972        | 95.2        | 3.5         | 4.6                          | 61.1        | 4.1           | -                       | 45.5           |



## Disposition: Red Meats



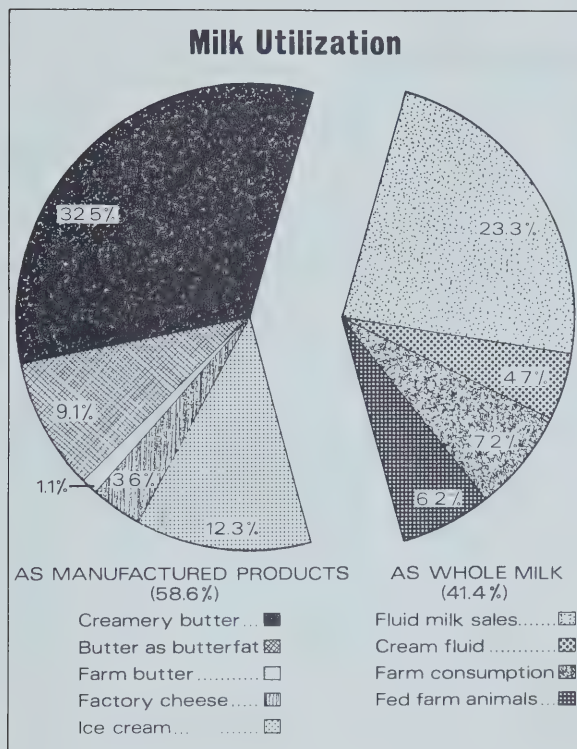


Table 60.

## PRODUCERS AND DISTRIBUTORS

|      | Producers | Producer-Distributor |
|------|-----------|----------------------|
|      | no.       | no.                  |
| 1971 | 744       | 4                    |
| 1972 | 740       | 4                    |

## DAIRY

There were an estimated 178,000 milk cows on farms in Alberta at June 1, 1972, a decline of 4 per cent from the June 1, 1971 census figure of 185,000 (Table 47). The number of heifers being held for replacement also decreased from 38,000 in 1971 to 33,000 in 1972.

Milk production during 1972 amounted to 1.5 billion pounds, a decrease of 1.8 per cent from the previous year (Table 61). The average production per cow was 8,142 pounds, an increase of 196 pounds over 1971. The trend towards a reduction in the number of small operations continued during the year with some of the remaining units increasing their operations into larger and more viable units. This factor, along with better management practices explains the increase in per cow milk production.

The estimated farm value of milk production was \$70.1 million, an increase of \$6.1 million. Of this increase, \$3.4 million was accounted for by the reduction in the subsidy holdback on cream and manufacturing milk. The world demand for dairy products during 1972 increased export prices, thus reducing the cost of disposing stocks surplus to Canadian requirements. These savings were paid back to producers by reducing the subsidy holdback retroactive to April 1, 1972. The remainder of the increase was due to higher prices for manufacturing milk at the farm level and more milk being diverted from farm separated cream to the manufacturing milk market.

Creamery butter production totalled 25.8 million pounds and cheddar cheese 4.0 million pounds (Table 62). Fluid milk sales increased to 337 pounds from 329 million pounds in 1971.

Table 61.

## FARM VALUE OF MILK PRODUCTION

|                                                                                              | Year | Production | Milk<br>Equivalent | Total<br>Milk | Price              | Value  |
|----------------------------------------------------------------------------------------------|------|------------|--------------------|---------------|--------------------|--------|
|                                                                                              |      | '000 lbs.  | '000 lbs.          | %             | \$                 | \$'000 |
| Butterfat for Creamery Butter . . . . .                                                      | 1971 | 18,388     | 531,203            | 36.0          | 0.698 per lb.      | 12,836 |
|                                                                                              | 1972 | 16,320     | 471,438            | 32.5          | 0.745 per lb.      | 12,158 |
| Milk Purchased for the Manufacture of<br>Butter as Butterfat . . . . .                       | 1971 | 3,502      | 101,182            | 6.9           | 1.088 per lb.      | 3,811  |
|                                                                                              | 1972 | 4,572      | 132,095            | 9.1           | 1.186 per lb.      | 5,422  |
| Farm Dairy Butter . . . . .                                                                  | 1971 | 755        | 17,667             | 1.2           | 0.620 per lb.      | 468    |
|                                                                                              | 1972 | 661        | 15,467             | 1.1           | 0.620 per lb.      | 410    |
| Milk for Cheesemaking . . . . .                                                              | 1971 |            | 46,847             | 3.2           | 3.88 per 100 lbs.  | 1,816  |
|                                                                                              | 1972 |            | 52,649             | 3.6           | 4.32 per 100 lbs.  | 2,274  |
| *Milk for Concentrating and Milk and<br>Butterfat for Ice Cream . . . . .                    | 1971 |            | 169,082            | 11.5          | 3.62 per 100 lbs.  | 6,117  |
|                                                                                              | 1972 |            | 178,220            | 12.3          | 3.96 per 100 lbs.  | 7,056  |
| Fluid Milk Sales . . . . .                                                                   | 1971 |            | 329,409            | 22.3          | 6.10 per 100 lbs.  | 20,079 |
|                                                                                              | 1972 |            | 337,246            | 23.3          | 6.12 per 100 lbs.  | 20,639 |
| Cream Fluid Sales (Milk Basis). . . . .                                                      | 1971 |            | 65,607             | 4.5           | 3.47 per 100 lbs.  | 2,274  |
|                                                                                              | 1972 |            | 68,802             | 4.7           | 3.63 per 100 lbs.  | 2,498  |
| Milk Farm Home Consumed . . . . .                                                            | 1971 |            | 120,190            | 8.1           | 3.46 per 100 lbs.  | 4,159  |
|                                                                                              | 1972 |            | 104,354            | 7.2           | 3.72 per 100 lbs.  | 3,882  |
| Fed Farm Animals . . . . .                                                                   | 1971 |            | 93,610             | 6.3           | 3.46 per 100 lbs.  | 3,239  |
|                                                                                              | 1972 |            | 89,052             | 6.2           | 3.72 per 100 lbs.  | 3,313  |
| Kept on Farm, Skimmilk from Creamery Butter<br>and Skimmilk and Buttermilk from Dairy Butter | 1971 | 495,043    |                    |               | 0.502 per 100 lbs. | 2,485  |
|                                                                                              | 1972 | 439,142    |                    |               | 0.560 per 100 lbs. | 2,459  |
| Estimated Federal Subsidy . . . . .                                                          | 1971 |            |                    |               |                    | 6,743  |
|                                                                                              | 1972 |            |                    |               |                    | 10,108 |
| Less Levy Dairy Control Board . . . . .                                                      | 1971 |            |                    |               |                    | -      |
|                                                                                              | 1972 |            |                    |               |                    | 164    |
| Total                                                                                        | 1971 |            | 1,474,797          | 100.0         |                    | 64,027 |
|                                                                                              | 1972 |            | 1,449,323          | 100.0         |                    | 70,055 |

\*Does not include butterfat from creamery butter used in the manufacture of ice cream.

Table 62.

## PRODUCTION AND VALUE OF FACTORY DAIRY PRODUCTS

|                                                   | <u>Year</u> | <u>Quantity</u><br>'000 | <u>Price</u><br>\$ | <u>Value</u><br>\$'000 |
|---------------------------------------------------|-------------|-------------------------|--------------------|------------------------|
| Creamery Butter (pounds) . . . . .                | 1971        | 27,025                  | 0.7035 per lb.     | 19,012                 |
|                                                   | 1972        | 25,792                  | 0.7250 per lb.     | 18,699                 |
| Cheddar Cheese (pounds) . . . . .                 | 1971        | 3,493                   | 0.6230 per lb.     | 2,176                  |
|                                                   | 1972        | 4,002                   | 0.7150 per lb.     | 2,861                  |
| *Ice Cream (gallons) . . . . .                    | 1971        | 6,059                   | 1.75 per gal.      | 10,603                 |
|                                                   | 1972        | 6,757                   | 1.75 per gal.      | 11,825                 |
| Fluid Milk Sales (pounds). . . . .                | 1971        | 329,409                 | 7.95 per 100 lbs.  | 26,188                 |
| (including processing charges)                    | 1972        | 337,246                 | 8.12 per 100 lbs.  | 27,384                 |
| Cream Sales as Milk (pounds) . . . . .            | 1971        | 65,607                  | 5.32 per 100 lbs.  | 3,490                  |
| (including processing charges)                    | 1972        | 71,523                  | 5.63 per 100 lbs.  | 4,027                  |
| Skimmilk & Buttermilk Sales for Human Consumption | 1971        | 28,093                  | 4.98 per 100 lbs.  | 1,399                  |
| (including processing charges) (pounds)           | 1972        | 28,987                  | 5.07 per 100 lbs.  | 1,470                  |
| Skimmilk and Buttermilk (pounds) . . . . .        | 1971        | 62,245                  | 0.502 per 100 lbs. | 312                    |
|                                                   | 1972        | 76,003                  | 0.560 per 100 lbs. | 426                    |
| Whey (pounds) . . . . .                           | 1971        | 28,443                  | 0.251 per 100 lbs. | 71                     |
|                                                   | 1972        | 33,816                  | 0.280 per 100 lbs. | 95                     |
| **Miscellaneous Manufactured Products . . . . .   | 1971        |                         |                    | 10,967                 |
|                                                   | 1972        |                         |                    | <u>12,656</u>          |
| Total                                             | 1971        |                         |                    | 74,218                 |
|                                                   | 1972        |                         |                    | 79,443                 |

\*Includes hard and soft ice cream.

\*\*Includes concentrated milk products, cottage cheese, whey, butter, cheese other than cheddar and yoghurt.



## POULTRY

Poultry production showed an upward trend during 1972. Slaughter in registered stations increased over 5 million pounds (eviscerated weight), a change of 9 per cent over the 1971 figure of 53 million pounds. The greatest change occurred in chicken slaughter which increased 4.7 million pounds from 33.6 million pounds, 66 per cent of the total slaughter weight. Turkey slaughter, which was up slightly, amounted to 29 per cent of total slaughter; fowl 4 per cent; and ducks and geese the remaining 1 per cent.

There were an estimated 4,565,000 broiler chickens on farms at June 1, 1972 compared with 4,390,000 at June 1, 1971. Turkey numbers on farms (June 1) decreased from 896,300 in 1971 to 825,000 in 1972. There were an estimated 75,000 geese on farms at June 1, 1972 compared with 78,400 in 1971. Duck numbers increased from 112,200 to 120,000.

Egg production decreased slightly, reflecting the decrease in numbers of hens and pullets. Although egg prices fluctuated from 42¢ per dozen (Grade A Large) to 48¢ in December, egg prices remained well above the 1971 average price.

One aspect of poultry production that occurred during the latter part of 1972 and should have an effect on the 1973 production, has been the dramatic increases in feed costs, both in feed grains and concentrates.

Table 63.

## HATCHERY CAPACITY

|      | <u>Commercial Hatcheries</u> | <u>Total Hatchery Capacity</u> | <u>Breeder Hatcheries</u> |
|------|------------------------------|--------------------------------|---------------------------|
|      |                              | - number -                     |                           |
| 1967 | 3                            | 31                             | 5,208,167                 |
| 1968 | 3                            | 32                             | 4,998,897                 |
| 1969 | 3                            | 29                             | 5,332,316                 |
| 1970 | 2                            | 27                             | 5,332,316                 |
| 1971 | 1                            | 28                             | 5,503,580                 |
| 1972 | 2                            | 27                             | 5,138,699                 |

Table 64.

## CHICK PRODUCTION

| <u>For Egg Production Type</u> |           |        | <u>For Broiler Production Type</u> |            |        |
|--------------------------------|-----------|--------|------------------------------------|------------|--------|
| 1971                           | 1972      | Change | 1971                               | 1972       | Change |
| - number -                     |           | %      | - number -                         |            | %      |
| 5,003,765                      | 4,234,837 | -15.3  | 15,935,195                         | 17,573,574 | +10.2  |

Table 65.

## CHICK DISPOSITION

|      | <u>Hatchability</u> | <u>Hatched</u> | <u>Not Sold</u> | <u>Exported</u> | <u>Imported</u> | <u>Remaining in Province</u> |
|------|---------------------|----------------|-----------------|-----------------|-----------------|------------------------------|
|      | - per cent -        |                |                 | - number -      |                 |                              |
| 1967 | 70.3                | 17,168,275     | 1,625,053       | 960,943         | 634,367         | 15,216,646                   |
| 1968 | 68.8                | 16,706,092     | 1,546,906       | 1,308,692       | 265,127         | 14,115,621                   |
| 1969 | 71.7                | 19,294,218     | 1,820,671       | 1,166,377       | 295,332         | 16,602,502                   |
| 1970 | 72.8                | 20,951,624     | 2,072,000       | 945,169         | 318,903         | 18,253,358                   |
| 1971 | 71.7                | 20,938,960     | 1,987,647       | 905,891         | 385,981         | 18,431,403                   |
| 1972 | 70.0                | 21,808,411     | 1,850,944       | 668,827         | 281,564         | 19,570,204                   |



Table 66.

## POULT PRODUCTION

|      | <u>Eggs Set</u> | <u>Eggs Imported</u> | <u>Hatched</u> | <u>Hatchability</u> | <u>Imported</u> | <u>Exported</u> | <u>Poults on Farms</u> |
|------|-----------------|----------------------|----------------|---------------------|-----------------|-----------------|------------------------|
|      |                 | - number -           |                | - per cent -        |                 | - number -      |                        |
| 1967 | 2,770,192       | 195,719              | 1,486,711      | 50.1                | 55,578          | 74,898          | 1,467,391              |
| 1968 | 2,414,221       | 373,232              | 1,318,929      | 47.3                | 8,809           | 35,188          | 1,292,550              |
| 1969 | 2,231,174       | 429,413              | 1,263,362      | 56.6                | 16,100          | 114,633         | 1,164,829              |
| 1970 | 2,404,646       | 392,166              | 1,424,039      | 59.2                | 23,722          | 139,489         | 1,308,272              |
| 1971 | 2,457,698       | 933,613              | 1,428,869      | 58.1                | 10,869          | 95,207          | 1,344,531              |
| 1972 | 2,484,223       | 424,600              | 1,491,088      | 51.2                | 10,730          | 114,623         | 1,380,587              |

Table 67.

## POULTRY EVISCERATED IN REGISTERED STATIONS

| <u>Year</u> | <u>Chickens</u> |             | <u>Fowl</u> | <u>Ducks</u> | <u>Geese</u> | <u>Turkeys</u> |               |              | <u>Total</u> |
|-------------|-----------------|-------------|-------------|--------------|--------------|----------------|---------------|--------------|--------------|
|             | Under 4 lbs.    | Over 4 lbs. |             |              |              | Under 10 lbs.  | 10 to 16 lbs. | Over 16 lbs. |              |
|             | - '000 pounds - |             |             |              |              |                |               |              |              |
| 1967        | 26,935          | 834         | 2,079       | 4            | 436          | 2,666          | 5,090         | 9,780        | 17,536       |
| 1968        | 25,570          | 707         | 1,597       | 4            | 281          | 2,381          | 5,668         | 9,325        | 17,374       |
| 1969        | 28,072          | 617         | 1,560       | 3            | 213          | 1,948          | 4,927         | 7,430        | 14,305       |
| 1970        | 32,348          | 470         | 1,736       | 12           | 260          | 2,937          | 5,624         | 8,536        | 17,097       |
| 1971        | 33,302          | 532         | 2,258       | 8            | 277          | 3,600          | 4,962         | 8,479        | 17,041       |
| 1972        | 36,800          | 1,400       | 2,500       | 35           | 275          | 3,300          | 5,025         | 8,200        | 16,525       |

Table 68.

## OUTPUT AND VALUE OF POULTRY MEAT

|                | <u>Total Production</u> |            | <u>Consumed by Producers</u> |            | <u>Sold</u> |           |
|----------------|-------------------------|------------|------------------------------|------------|-------------|-----------|
|                | Pounds                  | Value      | Pounds                       | Value      | Pounds      | Value     |
|                | '000                    | \$ '000    | '000                         | \$ '000    | '000        | \$ '000   |
|                |                         |            | <u>1 9 7 1</u>               |            |             |           |
| Fowl & Chicken | 64,622                  | 17,074     | 3,388                        | 661        | 61,234      | 16,413    |
| Turkey         | 19,152                  | 6,167      | 372                          | 120        | 18,780      | 6,047     |
| Goose          | 942                     | 364        | 245                          | 95         | 697         | 269       |
| Duck           | <u>415</u>              | <u>160</u> | <u>309</u>                   | <u>119</u> | <u>106</u>  | <u>41</u> |
| Total          | 85,131                  | 23,765     | 4,314                        | 995        | 80,817      | 22,770    |
|                |                         |            | <u>1 9 7 2</u>               |            |             |           |
| Fowl & Chicken | 64,503                  | 19,465     | 2,748                        | 790        | 61,755      | 18,675    |
| Turkey         | 18,661                  | 5,476      | 345                          | 120        | 18,316      | 5,356     |
| Goose          | 1,060                   | 454        | 147                          | 63         | 713         | 391       |
| Duck           | <u>344</u>              | <u>149</u> | <u>138</u>                   | <u>60</u>  | <u>206</u>  | <u>89</u> |
| Total          | 84,568                  | 25,544     | 3,378                        | 1,033      | 80,990      | 24,511    |

Table 69.

## POULTRY ON FARMS, JUNE 1

| Census<br>Division | Pullets Under<br>5 Months |             | Hens & Pullets<br>5 Months & Over |              | Cocks & Cockerels |             | Total Hens & Chickens<br>(Excl. Broilers) |              |                   |
|--------------------|---------------------------|-------------|-----------------------------------|--------------|-------------------|-------------|-------------------------------------------|--------------|-------------------|
|                    | 1971                      | 1972        | 1971                              | 1972         | 1971              | 1972        | 1971                                      | 1972         | 1972 as<br>% 1971 |
|                    | - thousands -             |             |                                   |              |                   |             |                                           |              |                   |
| 1                  | 37.9                      | 21.0        | 45.4                              | 53.0         | 21.4              | 11.0        | 104.6                                     | 85.0         | 81.3              |
| 2                  | 172.7                     | 137.0       | 229.1                             | 249.0        | 59.2              | 52.0        | 461.0                                     | 438.0        | 95.0              |
| 3                  | 54.6                      | 52.0        | 126.6                             | 124.0        | 9.9               | 11.0        | 191.2                                     | 187.0        | 97.8              |
| 4                  | 15.7                      | 21.0        | 36.2                              | 35.0         | 16.7              | 20.0        | 68.6                                      | 76.0         | 110.8             |
| 5                  | 169.6                     | 155.0       | 230.7                             | 234.0        | 30.1              | 20.0        | 430.5                                     | 409.0        | 95.0              |
| 6                  | 157.7                     | 122.0       | 249.2                             | 275.0        | 23.5              | 15.0        | 430.4                                     | 412.0        | 95.7              |
| 7                  | 60.9                      | 97.0        | 113.3                             | 125.0        | 48.0              | 50.0        | 222.2                                     | 272.0        | 122.4             |
| 8                  | 70.7                      | 67.0        | 149.5                             | 151.0        | 45.5              | 40.0        | 265.8                                     | 258.0        | 97.1              |
| 9                  | 0.3                       | -           | 0.6                               | 1.0          | 0.2               | 1.0         | 1.1                                       | 2.0          | 181.8             |
| 10                 | 232.6                     | 226.0       | 314.5                             | 290.0        | 138.0             | 101.0       | 685.1                                     | 617.0        | 90.1              |
| 11                 | 317.6                     | 334.0       | 499.0                             | 498.0        | 90.3              | 70.0        | 906.9                                     | 902.0        | 99.5              |
| 12                 | 72.8                      | 67.0        | 85.2                              | 65.0         | 57.9              | 30.0        | 216.0                                     | 162.0        | 75.0              |
| 13                 | 149.5                     | 160.0       | 186.8                             | 128.0        | 74.7              | 72.0        | 411.0                                     | 360.0        | 87.6              |
| 14                 | 10.2                      | 11.0        | 29.3                              | 28.0         | 5.5               | 10.0        | 44.9                                      | 49.0         | 109.1             |
| 15                 | <u>101.1</u>              | <u>90.0</u> | <u>143.4</u>                      | <u>109.0</u> | <u>64.1</u>       | <u>52.0</u> | <u>308.6</u>                              | <u>251.0</u> | <u>81.3</u>       |
| Province           | 1,624.1                   | 1,560.0     | 2,438.8                           | 2,365.0      | 685.0             | 555.0       | 4,747.9                                   | 4,480.0      | 94.4              |

Note: 1971 totals do not necessarily balance because of rounding.

Table 70.

## PRODUCTION, DISTRIBUTION AND VALUE OF EGGS

1 9 7 1

|                     | Production                     |                          | Disposition                      |              |                                 |            |
|---------------------|--------------------------------|--------------------------|----------------------------------|--------------|---------------------------------|------------|
|                     | Average<br>Number of<br>Layers | Production <sup>1/</sup> | Sold for<br>Market <sup>2/</sup> | Value        | Used by<br>Producer<br>for Food | Value      |
|                     | '000                           | '000 doz.                | '000 doz.                        | \$'000       | '000 doz.                       | \$'000     |
| January . . . . .   | 2,636                          | 3,526                    | 3,373                            | 1,197        | 389                             | 138        |
| February . . . . .  | 2,591                          | 3,265                    | 2,972                            | 999          | 358                             | 122        |
| March . . . . .     | 2,554                          | 3,612                    | 3,069                            | 1,043        | 429                             | 145        |
| April . . . . .     | 2,518                          | 3,605                    | 3,126                            | 1,082        | 439                             | 147        |
| May . . . . .       | 2,470                          | 3,726                    | 3,639                            | 1,161        | 257                             | 82         |
| June . . . . .      | 2,412                          | 3,333                    | 3,158                            | 992          | 412                             | 133        |
| July . . . . .      | 2,369                          | 3,315                    | 3,157                            | 1,032        | 411                             | 134        |
| August . . . . .    | 2,374                          | 3,118                    | 2,597                            | 880          | 364                             | 120        |
| September . . . . . | 2,446                          | 3,041                    | 2,567                            | 839          | 326                             | 109        |
| October . . . . .   | 2,520                          | 3,085                    | 2,615                            | 860          | 333                             | 112        |
| November . . . . .  | 2,506                          | 3,049                    | 2,593                            | 926          | 325                             | 113        |
| December . . . . .  | <u>2,463</u>                   | <u>3,380</u>             | <u>2,918</u>                     | <u>1,071</u> | <u>317</u>                      | <u>105</u> |
| Year                | 2,488 <sup>3/</sup>            | 40,055                   | 35,784                           | 12,082       | 4,360                           | 1,460      |

1 9 7 2

|                     | Production                     |                                       | Disposition                                   |                 |                                              |                 |
|---------------------|--------------------------------|---------------------------------------|-----------------------------------------------|-----------------|----------------------------------------------|-----------------|
|                     | Average<br>Number of<br>Layers | Production <sup>1/</sup><br>'000 doz. | Sold for<br>Market <sup>2/</sup><br>'000 doz. | Value<br>\$'000 | Used by<br>Producer<br>for Food<br>'000 doz. | Value<br>\$'000 |
| January . . . . .   | 2,580                          | 3,558                                 | 3,110                                         | 1,148           | 291                                          | 97              |
| February . . . . .  | 2,546                          | 3,150                                 | 2,682                                         | 1,000           | 286                                          | 99              |
| March . . . . .     | 2,548                          | 3,457                                 | 2,792                                         | 1,022           | 345                                          | 119             |
| April . . . . .     | 2,561                          | 3,564                                 | 2,888                                         | 1,074           | 369                                          | 131             |
| May . . . . .       | 2,537                          | 3,751                                 | 3,124                                         | 1,150           | 412                                          | 148             |
| June . . . . .      | 2,467                          | 3,511                                 | 2,926                                         | 1,094           | 409                                          | 147             |
| July . . . . .      | 2,434                          | 3,590                                 | 3,011                                         | 1,153           | 401                                          | 142             |
| August . . . . .    | 2,459                          | 3,439                                 | 2,888                                         | 1,071           | 392                                          | 141             |
| September . . . . . | 2,535                          | 3,207                                 | 2,797                                         | 984             | 271                                          | 100             |
| October . . . . .   | 2,566                          | 3,259                                 | 2,893                                         | 1,056           | 238                                          | 86              |
| November . . . . .  | 2,520                          | 3,219                                 | 2,818                                         | 1,130           | 252                                          | 94              |
| December . . . . .  | <u>2,516</u>                   | <u>3,610</u>                          | <u>3,160</u>                                  | <u>1,248</u>    | <u>288</u>                                   | <u>113</u>      |
| Year                | 2,522 <sup>3/</sup>            | 41,315                                | 35,089                                        | 13,130          | 3,954                                        | 1,417           |

<sup>1/</sup> Hatching eggs included.

<sup>2/</sup> Hatching eggs not included.

<sup>3/</sup> Weighted average of monthly estimates.

Table 71.

**EGG PRICES**

|              | Grade<br><u>AL</u>  | Grade<br><u>AM</u> | Grade<br><u>AS</u> | Grade<br><u>B</u> | Grade<br><u>C</u> |
|--------------|---------------------|--------------------|--------------------|-------------------|-------------------|
|              | - cents per dozen - |                    |                    |                   |                   |
|              |                     |                    | <u>1971</u>        |                   |                   |
| January. . . | 39                  | 33                 | 16                 | 19                | 6                 |
| February . . | 39                  | 33                 | 16                 | 19                | 6                 |
| March. . . . | 39                  | 35                 | 21                 | 19                | 6                 |
| April. . . . | 39                  | 35                 | 21                 | 19                | 6                 |
| May. . . . . | 35                  | 32                 | 21                 | 19                | 6                 |
| June . . . . | 35                  | 32                 | 17                 | 14                | 6                 |
| July . . . . | 35                  | 29                 | 17                 | 10                | 6                 |
| August . . . | 35                  | 29                 | 17                 | 10                | 6                 |
| September. . | 37                  | 29                 | 15                 | 10                | 6                 |
| October. . . | 37                  | 32                 | 15                 | 15                | 6                 |
| November . . | 42                  | 38                 | 18                 | 22                | 6                 |
| December . . | 42                  | 38                 | 22                 | 22                | 6                 |
|              |                     |                    | <u>1972</u>        |                   |                   |
| January. . . | 45                  | 41                 | 30                 | 17-22             | 6-10              |
| February . . | 42                  | 38                 | 22                 | 22                | 6                 |
| March. . . . | 42                  | 40                 | 24                 | 24                | 6                 |
| April. . . . | 42                  | 39                 | 22                 | 12                | 6                 |
| May. . . . . | 42                  | 39                 | 22                 | 18                | 6                 |
| June . . . . | 42                  | 39                 | 22                 | 18                | 6                 |
| July . . . . | 42                  | 37                 | 22                 | 12                | 6                 |
| August . . . | 42                  | 37                 | 22                 | 16                | 6                 |
| September, . | 45                  | 40                 | 22                 | 22                | 6                 |
| October. . . | 45                  | 42                 | 24                 | 25                | 6                 |
| November . . | 45                  | 42                 | 24                 | 25                | 6                 |
| December . . | 48                  | 45                 | 24                 | 28                | 6                 |



## APICULTURE

The 1972 honey crop of 20.2 million pounds represented a 10.6 per cent decrease from the previous year's record production of 22.5 million pounds. Although the yield per colony decreased by approximately 21 per cent, total production was not similarly affected as the number of colonies increased by 15,000 over that of 1971 (Table 72). The decline in production was largely due to the cold, wet weather experienced in most of Alberta during July and part of August. Moreover, the previous three consecutive large crops more than tempered what is considered an average crop yield per colony (150 lbs).

Honey prices increased over 50 per cent (Table 73) as a result of a general world shortage brought about by low United States stocks.

Alberta continued as the province with the largest production of honey in Canada, accounting for just over 39.8 per cent of the Canadian honey crop.

Table 72.

### BEEKEEPERS AND COLONIES

|      | <u>Beekeepers</u> | <u>Colonies</u> | <u>Hives Per Apiary</u> |
|------|-------------------|-----------------|-------------------------|
|      |                   | - numbers -     |                         |
| 1968 | 1,500             | 110,000         | 73                      |
| 1969 | 1,400             | 120,000         | 86                      |
| 1970 | 1,200             | 110,000         | 92                      |
| 1971 | 1,200             | 115,000         | 96                      |
| 1972 | 1,200             | 130,000         | 108                     |

Table 73.

### HONEY PRODUCTION AND PRICE

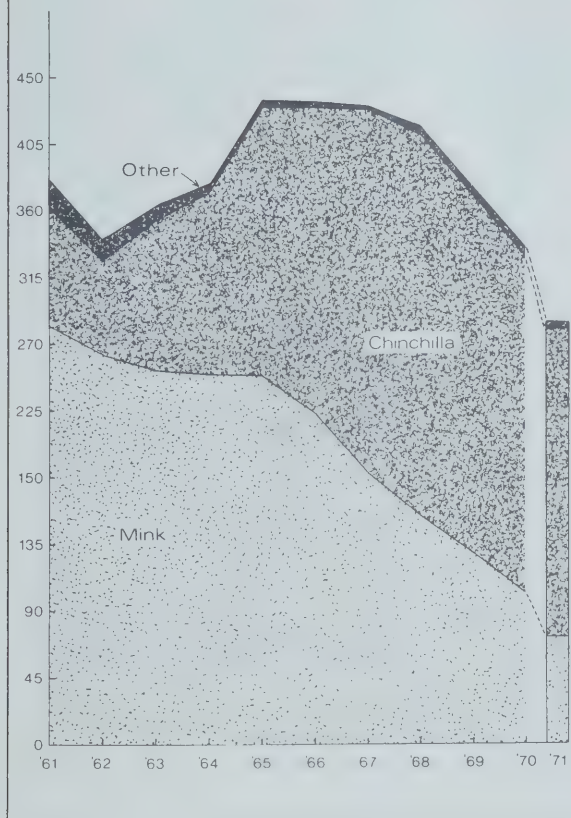
|      | <u>Yield Per Hive</u> | <u>Total Production</u> | <u>Price</u> |
|------|-----------------------|-------------------------|--------------|
|      | - lbs. -              | - lbs. -                | - \$/lb. -   |
| 1968 | 93                    | 10,230,000              | 0.14         |
| 1969 | 169                   | 20,280,000              | 0.14         |
| 1970 | 184                   | 20,240,000              | 0.14         |
| 1971 | 196                   | 22,540,000              | 0.20         |
| 1972 | 155                   | 20,150,000              | 0.31         |

Table 74.

### HONEY AND BEESWAX VALUE

|      | <u>Honey</u> | <u>Honey and Wax</u> |
|------|--------------|----------------------|
| 1968 | \$1,432,000  | \$1,522,000          |
| 1969 | 2,839,000    | 3,040,000            |
| 1970 | 2,773,000    | 2,965,000            |
| 1971 | 4,283,000    | 4,493,000            |
| 1972 | 6,045,000    | 6,244,000            |

## Numbers of Fur Farms



## FUR FARMING

The low market prices during the past few years resulted in a reduction in the number of mink farmers. In 1972 there were 286 fur farm licenses issued, a decrease of 49 from the previous season. However, as in other areas of agriculture, the number of producers decreased with the remainder becoming larger and more productive. The average mink farm now produces between 1,000 to 1,500 pelts a year.

The market for mink pelts showed a substantial improvement in 1972. The national average value per pelt was \$13.89 compared with a 1971 average of \$10.58. With the 1971-72 recovery and prospects of continued improvement, the importance of mink farming should increase.

Table 75.

**FUR FARM LICENSES**

|                         | <u>1970-71</u> | <u>1971-72</u> |
|-------------------------|----------------|----------------|
| Mink . . . . .          | 101            | 72             |
| Chinchilla . . . . .    | 229            | 209            |
| Miscellaneous . . . . . | <u>5</u>       | <u>5</u>       |
| Total                   | 335            | 286            |

Table 77.

**ANIMALS PELTED**

|         | <u>Mink Pelts<br/>Produced</u> | <u>Mink Pelt<br/>Value</u> | <u>CMB Av.<br/>Per Pelt</u> |
|---------|--------------------------------|----------------------------|-----------------------------|
| 1968-69 | 170,540                        | \$2,478,213                | \$ 14.75                    |
| 1969-70 | 189,796                        | 1,971,822                  | 11.35                       |
| 1970-71 | 135,023                        | 1,409,595                  | 10.58                       |
| 1971-72 | 116,666                        | 1,562,278                  | 13.89                       |

Table 78.

**ANIMALS EXPORTED**

|                | <u>No. of Animals</u> |                | <u>Total Value</u> |                |
|----------------|-----------------------|----------------|--------------------|----------------|
|                | <u>1970-71</u>        | <u>1971-72</u> | <u>1970-71</u>     | <u>1971-72</u> |
| Mink Standard  | 59,365                | 45,620         | \$653,015          | \$638,680      |
| Mink Mutation  | 75,908                | 71,046         | 766,580            | 923,598        |
| Chinchilla . . | 2,147                 | 1,637          | 37,080             | 18,007         |
| Fox . . . . .  | 67                    | 87             | 1,675              | 2,175          |
| Miscellaneous  | -                     | -              | -                  | -              |
| Total          | 137,487               | 118,390        | \$1,458,350        | \$1,582,460    |

Table 76.

**ANIMALS RETAINED FOR BREEDING**

|                | <u>No. of Animals</u> |                | <u>Total Value</u> |                |
|----------------|-----------------------|----------------|--------------------|----------------|
|                | <u>1970-71</u>        | <u>1971-72</u> | <u>1970-71</u>     | <u>1971-72</u> |
| Mink Standard  | 15,809                | 12,208         | \$173,899          | \$170,912      |
| Mink Mutation  | 34,244                | 29,171         | 342,440            | 379,223        |
| Chinchilla . . | 11,948                | 12,493         | 179,220            | 137,423        |
| Fox . . . . .  | 4                     | 35             | 120                | 875            |
| Miscellaneous  | <u>6</u>              | <u>4</u>       | <u>30</u>          | <u>20</u>      |
| Total          | 62,011                | 53,911         | \$695,709          | \$688,453      |

# CENSUS AND COMPARATIVE DATA

Table 79.

## CENSUS DATA

|                                                                   |     | <u>1951</u> | <u>1961</u> | <u>1966</u> | <u>1971</u> |
|-------------------------------------------------------------------|-----|-------------|-------------|-------------|-------------|
| Total Population . . . . .                                        | no. | 939,501     | 1,331,944   | 1,463,203   | 1,627,874   |
| Farm Population . . . . .                                         | no. | 345,222     | 287,814     | 281,583     | 237,924     |
| Per Cent on Farms . . . . .                                       | %   | 36.7        | 21.6        | 19.2        | 14.6        |
| Number of Farms . . . . .                                         | no. | 84,315      | 73,212      | 69,411      | 62,702      |
| Average Size of Farm . . . . .                                    | ac. | 527         | 645         | 706         | 790         |
| Average Value of Agricultural Products<br>Sold per Farm . . . . . | \$  | N.A.        | N.A.        | 9,125       | 13,278      |
| Farm Classification:                                              |     |             |             |             |             |
| Under 3 Acres . . . . .                                           | %   | 0.2         | 0.3         | 0.5         | 0.3         |
| 3 - 9 Acres . . . . .                                             | %   | 1.4         | 0.9         | 1.1         | 1.1         |
| 10 - 69 Acres . . . . .                                           | %   | 2.4         | 2.5         | 3.3         | 4.0         |
| 70 - 239 Acres . . . . .                                          | %   | 28.1        | 21.1        | 18.2        | 16.9        |
| 240 - 399 Acres . . . . .                                         | %   | 29.2        | 26.5        | 23.7        | 20.1        |
| 400 - 559 Acres . . . . .                                         | %   | 14.3        | 16.1        | 15.8        | 14.6        |
| 560 - 759 Acres . . . . .                                         | %   | 9.1         | 11.5        | 12.5        | 13.1        |
| 760 - 1,119 Acres . . . . .                                       | %   | 7.6         | 10.2        | 11.9        | 13.5        |
| 1,120 - 1,599 Acres . . . . .                                     | %   | 3.9         | 5.4         | 6.4         | 7.7         |
| 1,600 - 2,239 Acres . . . . .                                     | %   | 1.8         | 2.5         | 3.0         | 4.0         |
| 2,240 - 2,879 Acres . . . . .                                     | %   | 0.7         | 1.0         | 1.3         | 1.7         |
| 2,880 Acres and Over . . . . .                                    | %   | 1.3         | 2.0         | 2.3         | 3.0         |
| Farm Operated by:                                                 |     |             |             |             |             |
| Owner . . . . .                                                   | %   | 62.7        | 59.1        | 62.0        | 59.3        |
| Tenant . . . . .                                                  | %   | 11.6        | 9.2         | 6.6         | 6.7         |
| Owner-Tenant . . . . .                                            | %   | 25.0        | 31.1        | 30.7        | 34.0        |
| Manager . . . . .                                                 | %   | 0.7         | 0.6         | 0.7         | <u>1/</u>   |

| Age of Farm Operators:               |          | <u>1951</u> | <u>1961</u> | <u>1966</u> | <u>1971</u> |
|--------------------------------------|----------|-------------|-------------|-------------|-------------|
| Under 25 Years . . . . .             | %        | 4.3         | 3.2         | 2.8         | 2.5         |
| 25 - 34 Years. . . . .               | %        | 20.2        | 16.2        | 15.1        | 14.2        |
| 35 - 44 Years. . . . .               | %        | 25.1        | 25.5        | 24.8        | 24.1        |
| 45 - 54 Years. . . . .               | %        | 23.6        | 25.6        | 26.7        | 28.6        |
| 55 - 59 Years. . . . .               | %        | 9.7         | 11.5        | 11.4        | 11.5        |
| 60 - 64 Years. . . . .               | %        | (13.8       | 8.3         | 9.4         | 9.1         |
| 65 - 69 Years. . . . .               | %        |             | 5.1         | 5.6         | 5.8         |
| 70 Years and Over . . . . .          | %        | 3.3         | 4.6         | 4.2         | 4.2         |
| Average Age of Farm Operator . . . . | yrs.     | 45          | 47          | 48          | 49          |
| Occupied Farm Land: . . . . .        | '000 ac. | 44,460      | 47,229      | 48,983      | 49,506      |
| Improved Farm Land . . . . .         | '000 ac. | 22,271      | 25,289      | 27,276      | 28,460      |
| Field Crops. . . . .                 | '000 ac. | 14,428      | 15,615      | 17,708      | 18,092      |
| Wheat Total. . . . .                 | '000 ac. | 6,424       | 5,633       | 6,506       | 3,443       |
| (Durum) . . . . .                    | '000 ac. | (46)        | (189)       | (116)       | (242)       |
| Oats for Grain . . . . .             | '000 ac. | 2,854       | 2,642       | 2,093       | 1,864       |
| Barley . . . . .                     | '000 ac. | 3,041       | 2,847       | 3,880       | 5,689       |
| Mixed Grain . . . . .                | '000 ac. | 81          | 374         | 410         | 419         |
| Fall Rye . . . . .                   | '000 ac. | 186         | 149         | 143         | 226         |
| Spring Rye . . . . .                 | '000 ac. | 98          | 25          | 29          | 24          |
| Flaxseed . . . . .                   | '000 ac. | 135         | 362         | 347         | 271         |
| Rapeseed . . . . .                   | '000 ac. | -           | 307         | 624         | 1,988       |
| Tame Hay . . . . .                   | '000 ac. | 1,206       | 2,477       | 2,938       | 3,260       |
| Other Fodder . . . . .               | '000 ac. | 282         | 621         | 560         | 733         |
| Sugar Beets . . . . .                | '000 ac. | 36          | 41          | 40          | 43          |
| Other Crops . . . . .                | '000 ac. | 85          | 117         | 138         | 132         |
| Improved Pasture . . . . .           | '000 ac. | 1,113       | 1,670       | 2,311       | 2,745       |
| Summerfallow . . . . .               | '000 ac. | 6,195       | 7,450       | 6,659       | 7,009       |
| Other Improved Land . . . . .        | '000 ac. | 535         | 554         | 598         | 614         |
| Unimproved Land. . . . .             | '000 ac. | 22,189      | 21,940      | 21,707      | 21,046      |

|                                  |           | <u>1951</u> | <u>1961</u> | <u>1966</u> | <u>1971</u> |
|----------------------------------|-----------|-------------|-------------|-------------|-------------|
| Livestock and Poultry:           |           |             |             |             |             |
| Cattle . . . . .                 | '000 head | 1,563       | 2,879       | 3,440       | 3,702       |
| Pigs . . . . .                   | '000 head | 931         | 1,470       | 1,093       | 1,816       |
| Sheep. . . . .                   | '000 head | 330         | 497         | 301         | 245         |
| Horses . . . . .                 | '000 head | 261         | 113         | 94          | 89          |
| Hens and Chickens. . . . .       | '000 head | 8,347       | 9,205       | 8,440       | 7,923       |
| Turkeys. . . . .                 | '000 head | 395         | 1,184       | 951         | 896         |
| Ducks. . . . .                   | '000 head | 62          | 93          | 91          | 78          |
| Geese. . . . .                   | '000 head | 65          | 90          | 80          | 112         |
| Farm Machinery:                  |           |             |             |             |             |
| Tractors . . . . .               | no.       | 79,282      | 102,624     | 112,245     | 111,256     |
| Grain Combines . . . . .         | no.       | 20,852      | 38,530      | 42,838      | 42,373      |
| Grain Binders. . . . .           | no.       | 57,930      | 32,476      | -           | -           |
| Threshing Machines . . . . .     | no.       | 14,768      | 13,006      | -           | -           |
| Swathers . . . . .               | no.       | -           | 27,805      | 35,706      | 40,749      |
| Motor Trucks . . . . .           | no.       | 39,723      | 71,508      | 85,559      | 93,471      |
| Farm Capitalization:             |           |             |             |             |             |
| Land and Buildings . . . . .     | \$'000    | 1,015,389   | 1,715,367   | 2,865,472   | 3,530,252   |
| Machinery and Equipment. . . . . | \$'000    | 390,003     | 550,876     | 785,032     | 844,161     |
| Livestock and Poultry. . . . .   | \$'000    | 384,324     | 451,254     | 565,116     | 867,446     |

1/ In the 1971 Census, a hired manager was asked to report whether the land operated by him was owned or rented by his employer. This was a change from previous censuses wherein a farm operated by a hired manager was classified as being managed rather than owned or rented.

## COMPARATIVE STATISTICS

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|                                                                      |     |           |  | <u>Alberta as Per Cent of</u> |               |
|----------------------------------------------------------------------|-----|-----------|--|-------------------------------|---------------|
|                                                                      |     |           |  | <u>Prairie</u>                | <u>Canada</u> |
|                                                                      |     |           |  | <u>Provinces</u>              |               |
|                                                                      |     |           |  | <u>Alberta</u>                |               |
| <u>L I V E S T O C K   O N   F A R M S,   J U N E   1,   1 9 7 2</u> |     |           |  |                               |               |
| Bulls . . . . .                                                      | no. | 75,000    |  | 49.5                          | 28.9          |
| Milk Cows and Heifers . . . . .                                      | no. | 211,000   |  | 45.8                          | 7.7           |
| Beef Cows and Heifers . . . . .                                      | no. | 1,840,000 |  | 49.2                          | 36.1          |
| Steers One Year and Over . . . . .                                   | no. | 535,000   |  | 56.2                          | 30.4          |
| Calves . . . . .                                                     | no. | 1,220,000 |  | 48.4                          | 32.1          |
| Total Cattle and Calves . . . . .                                    | no. | 3,881,000 |  | 49.6                          | 28.4          |
| Hogs Over 6 Months . . . . .                                         | no. | 446,000   |  | 48.1                          | 27.0          |
| Hogs Under 6 Months . . . . .                                        | no. | 1,206,000 |  | 47.5                          | 21.9          |
| Total Hogs . . . . .                                                 | no. | 1,652,000 |  | 47.7                          | 23.1          |
| Sheep One Year and Over . . . . .                                    | no. | 132,000   |  | 57.1                          | 29.1          |
| Lambs under One Year . . . . .                                       | no. | 127,000   |  | 61.0                          | 32.5          |
| Total Sheep and Lambs . . . . .                                      | no. | 259,000   |  | 59.0                          | 30.7          |
| <u>P O U L T R Y   O N   F A R M S   J U N E   1,   1 9 7 2</u>      |     |           |  |                               |               |
| Total Hens and Chickens (excl. broilers)                             | no. | 4,480,000 |  | 36.3                          | 10.7          |
| Broiler Chickens . . . . .                                           | no. | 4,565,000 |  | 45.1                          | 9.3           |
| Turkeys . . . . .                                                    | no. | 825,000   |  | 35.6                          | 9.1           |
| Geese . . . . .                                                      | no. | 75,000    |  | 24.2                          | 18.3          |
| Ducks . . . . .                                                      | no. | 120,000   |  | 41.4                          | 20.7          |

## OTHER STATISTICAL PUBLICATIONS

Alberta Department of Agriculture, A Historical Series of Agricultural Statistics for Alberta, Publication No. 850, 3M-1-69, 139 pp.

Alberta Department of Agriculture, Alberta Agriculture: A History on Graphs, Publication No. 850-1, 1M-10-72, 214 pp.

Alberta Department of Agriculture, Statistics of Agriculture for Alberta, published annually from 1962-63 to 1969-70.\*

\* Most annuals are unavailable.  
No 1970-71 annual published.

Publications available from:

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EDMONTON, ALBERTA.







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